

PET ROM LISTING

VERSION BASIC 3.00

By Jim Butterfield

INTRODUCTION.

This book contains a disassembly of the Basic 3.00 ROMs in the PET computer. It must be emphasised that the official listings of this software has never been published and is strictly the copyright of MICROSOFT. What is printed in this book is the result of one mans interpretation of the functioning and operation of the Basic interpreter and operating system in the PET. Since it is only a disassembly with annotated notes on its supposed function its accuracy can not be suarenteed in any way, it is purely a guide for those wishing to understand in greater depth the workings of their PET computer. This document is not intended to infringe in any way aggreements between Commodore and Microsoft.

0040	76 C5		DD FF	BF FF	CLR	CMD	SYS	OPEN
C040		70 CA	5A C5		CLOSE	GET	NEW	sgn
CØ48	DS DB	64 DB	00 00	59 D2	int	abs	usr	fre
C050	78 D2	5E DE	7F DF	F6 D8	pos	80 T	rnd	log
CØ58		DS DF	DF DF	28 EØ	exp	C05	sin	tan
C060		E8 D6	56 D6	3F D3	atn	pesk	len	str\$
0068		65 D6	C6 D5	DA D5	val	85C	chr\$	left\$
C070				D7,79.	right\$	mid\$	+	
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C080			CA CE.		1		AND	/
C038		AN DE	SA CE	CD 64	OR	NEGATE	NOT	
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CØFØ	KEFRINT	T#PRINT	FCON					
C100	TLISTCL	_RCMDS1	rsop					
C110	ENCLOSE	EGETNE	ATAB					
C120	KTOFNSF	POKTHEN	TON					
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C200 C210	SUBSCR D ARRAY	TEMENT IPTRED DIVISI	DIM ⁷ ION					
C200 C210 C220	SUBSCR D ARRAY BY ZERC	TEMENT IPTRED DIVISI ILLEGF	DIM' ION AL D					
C200 C210 C220 C230	SUBSCR D ARRAY BY ZERC IRECTTY	TEMENT IPTRED DIVISI ILLEGF FE MIS	DIM CON AL D SMAT					
C200 C210 C220 C230 C240	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN	TEMENT IPTRED DIVISI ILLEGF FE MIS	DIM ⁷ ION AL D SMAT LON					
C200 C210 C220 C230 C240 C250	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN GFILE D	ITEMENT IPTRED DIVISI ILLEGA FE MIS G TOO ATAFOA	DIMA CON AL D SMAT LON RMUL					
C200 C210 C220 C230 C240	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN	ITEMENT IPTRED DIVISI ILLEGA FE MIS G TOO ATAFOA	DIMA CON AL D SMAT LON RMUL					
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C200 C210 C220 C230 C240 C250 C260	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN GFILE D A TOO C	TEMENT IPTRED DIVISI ILLEGA FE MIS G TOO ATAFOR OMPLES INUEUN	IM ⁷ ION AL D SMAT LON RMUL CAN IDEF					
C200 C210 C220 C230 C240 C250 C250 C260 C270	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN GFILE D A TOO C 1T CONT	TEMENT IPTRED DIVISI ILLEGA FE MIS G TOO ATAFOR OMPLES INUEUN	DIM CON AL D SMAT LON RMUL CAN ADEF ERRO					
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C200 C210 C220 C230 C240 C250 C250 C260 C270 C280 C290	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN GFILE D A TOO C 1T CONT 1D FUNC R IN	TEMENT IPTRED DIVISI ILLEGA FE MIS FE MIS ATAFOA OMPLE INUEUN TINUEUN TION E	DIM CON AL D SMAT LON RMUL CAN ADEF ERRO DY					
C200 C210 C220 C230 C240 C250 C250 C250 C270 C290 C290	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN GFILE D A TOO C 1T CONT 1D FUNC R IN BRE	TEMENT IPTRED DIVISI ILLEGA FE MIS FE MIS AG TOO ATAFOR OMPLE INUEUA TION E READ	IM1 ION IL D SMAT LON RMUL CAN IDEF ERRO SY. IHH=	D.C				
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C200 C210 C220 C230 C240 C250 C250 C250 C290 C290 C290 C290 C2AA	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN GFILE D A TOO C 1T CONT 1D FUNC R IN BRE BA E8	TEMENT IPTRED DIVISI ILLEGA FE MIS FE MIS ATAFOR OMPLE> INUEUN TION E READ AR : HP	SIM7 (ON AL D SMAT LON RMUL (CAN ADEF ERRO SY. HHH= SX (NX					
C200 C210 C220 C230 C240 C250 C250 C250 C290 C290 C290 C290 C290 C290 C290 C29	SUBSCR D ARRAY BY ZERC IRECTTY CHSTRIN GFILE D A TOO C 1T CONT 1D FUNC R IN BRE BA E8 E8	TEMENT IPTRED DIVISI ILLEGA FE MIS G TOO ATAFOR OMPLE INUEUA TION E READ AK : HA	21M1 CON AL D SMAT LON RMUL CAN ADEF ERRO SY. AHH= TSX INX		STACK		B	
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END

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STOP

SAVE

CLR

INPT#

FOR

INPUT

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ON

CMD

RESTOR GOSUB

PRINT# PRINT

NEXT

DIM

RUN

WAIT

CONT

SYS

VERIFY DEF

DATA

READ

LOAD

POKE

LIST

OPEN

IF

RETURN REM

40 C7 57 C6 1F CC FF C7

A6 CA CØ CA 62 CF 06 CB

AC CS AC C7 S4 C7 2F C8

2F C7 8F C7 D9 C7 42 C8

8A C9 AA C9 6A C7 B4 C5

76 C5 90 C9 DD FF BF FF

C028 . D7 FF DA FF 8C D2 06 D7

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C010

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CØ20

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3E C7

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	D 02 01		\$0102, X	
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C2D0 8	R	TXA		
	.8	CLC		
	59 1 2		#\$12	
		TAX	¢0005	
	00 DS	BNE RTS	\$C2AF	
	0 28 C3		\$C328	
	5 2E		END-ARRAYS	OPEN UP
	4 2F		END-ARRAYS+1	SPACE IN
	8	SEC		MEMORY
	15 57	LDA		TICHORY
	5 50		WK-POINTR	
—	:5 1F IS	TAY	POINTER	
	15 58		\$58	
	5 5D	SBC	WK-POINTR+1	
	A	TAX		
	8	INX		
	8	TYA		
	0 23		\$C313	
	5 57	LDA	\$57	
	8 5 1F	SEC	POINTER	
	5 57	STA		
	0 03		≠01 \$C2FC	
	6 58		\$58	
C2FB 3		SEC		
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C31E	BØ 35		BCS	\$C355		
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C322	EA		TSX			
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C323			BCC	\$C355		
C325	90 2E			キレンゴン		
<u>C327</u>	60		RTS			
0328	C4 31		CFY	STRING-LO	+1	CHECK
C32A	90 28		BCC	*C354		
C32C	DØ 04		BNE	\$C332		AVAILABLE
	C5 30			STRING-LO		
C32E				\$C354		MEMORY
CIIØ	90 22			キレンシー		
C332	48		PHA			
C333	A2 09		LDX	#\$09		
C335	98		TYA			
C336	48		PHA			
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C337				40477 m		
C339	CA		DEX			
C338	10 FA		BPL	\$C336		
C33C	20 00	D4	JSR	\$D400		
C33F	82 F7		LDX	#\$F7		
C341	68		PLA			
			STA	ACC#1/E,X		
C342	95 5E					
C344	ES		INX			
C345	30 FA		BMI	\$C341		
C347	68		PLA			
C348	FIS		TAY			
C349	68		PLA			
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C34C	90 06		ECC	\$C354		
C34E	DØ Ø5		BNE	\$C355		
C350	C5 30		CMF	STRING-LO		
C352	BØ 01		BCS	\$C355		
C354	60 .		RTS			
C355	R2 4D		LDX	#\$40 "OUT	OF NEMOR	Y"
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C357	46 0D		LSR	\$0D		CANNED
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C358						
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C35D	FØ 07 20 CC 1	FF	BEQ JSR	\$C364 \$FFCC		-
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C35D C360 C362	F0 07 20 CC 1 A9 00 85 0E		BEQ JSR LDA STA	\$C364 \$FFCC #\$00 \$0E		-
C35D C360 C362 C364	F0 07 20 CC 1 89 00 85 0E 20 E2 1	C9	BEQ JSR LDA STA JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2		-
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C35D C360 C362 C364	F0 07 20 CC 1 A9 00 85 0E 20 E2 1 20 43 1	C9	BEQ JSR LDA STA JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$C9E2		-
C35D C360 C362 C364 C367	F0 07 20 CC 1 A9 00 85 0E 20 E2 1 20 43 1 BD 92 1	C9 CA	BEQ JSR LDA STA JSR JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$C9E2		-
C35D C360 C362 C364 C367 C36A C36A C36D	F0 07 20 CC 1 A9 00 85 0E 20 E2 1 20 43 1 BD 92 1 48	C9 CA	BEQ JSR LDA STA JSR LDA PHA	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7E		-
C35D C360 C362 C364 C367 C36A C36D C36E	F0 07 20 CC 1 89 00 85 0E 20 E2 20 43 1 80 92 1 48 29 7F	C9 CA C1	BEQ JSR LDA STA JSR LDA PHA AND	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192,X #\$7F	PuT	-
C35D C360 C362 C364 C367 C367 C36A C36D C36E C370	F0 07 20 CC 1 89 00 85 0E 20 E2 1 20 43 1 80 92 1 48 29 7F 20 45 1	C9 CA C1	BEQ JSR LDA STA JSR JSR LDA PHA AND JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192,X #\$7F	PuT	-
C35D C360 C362 C364 C367 C367 C360 C365 C365 C370 C373	F0 07 20 CC 1 A9 00 85 0E 20 E2 1 20 E2 1 E0 92 1 48 29 7F 20 45 1 E8	C9 CA C1	BEQ JSR LDA JSR JSR LDA PHA AND JSR INX	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192,X #\$7F	PuT	-
C35D C360 C362 C364 C367 C36A C36D C36E C370 C373 C374	F0 07 20 CC 1 A9 00 85 0E 20 E2 1 20 43 1 BD 92 1 48 29 7F 20 45 1 E8 68	C9 CA C1	BEQ JSR LDA JSR JSR LDA PHA JSR INX PLA	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192,X #\$7F \$CA45	PuT	-
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C35D C360 C362 C364 C367 C36A C36D C36E C370 C373 C374 C375 C377 C37A	F0 07 20 CC 1 A9 00 85 0E 20 E2 1 20 E2 1 E0 92 1 E0 92 1 E0 92 1 E0 92 1 E0 F3 1 E0 93 1 A9 8B	C9 CA C1 CA	BEQ JSR LDA JSR JSR LDA ANDR JSR INA BPLR LDA	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 P.out \$C36A \$C36A \$C593 #\$88 ~FF	Put RoR"	-
C35D C360 C362 C364 C367 C36A C36D C36E C370 C373 C374 C375 C377 C377 C377 C377	F0 07 20 CC 1 A9 00 20 E2 1 20 43 1 BD 92 1 40 92 1 E8 7 E8 7 E8 F3 1 E8 F3 1 A9 8 B0 C2	C9 CA C1 CA	BEQ JSR JSR JSR JSR JSR JSR JSR JSR JSR JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 "FF #\$C2		-
C35D C360 C362 C364 C367 C367 C368 C368 C368 C370 C374 C377 C377 C377 C377 C377 C377 C377	F0 07 20 CC A9 00 85 02 20 43 20 43 20 43 40 92 40 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 77 20 83 20 73 20 88 20 88 20 82 20 10 20 10	C9 CA C1 CA	BEQ JSR JSR JSR JSR JSR JSR JSR JSR JSR JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 "Ff #\$C2 \$CA1C	ROR"	-
C35D C360 C362 C364 C367 C36A C36D C36E C370 C374 C375 C377 C377 C377 C377 C377 C377 C377	F0 07 20 CC A9 00 85 02 20 43 20 43 20 43 40 92 40 92 40 75 20 75 20 75 40 75 60 73 60 73 60 88 70 88 60 10 80 10 60 10 60 10 74 37	C9 CA C1 CA	BEQ JSR JSR JSR JSR JSR JSR JSR JSR JSR JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 "Ff #\$C2 \$CA1C	ROR"	-
C35D C360 C362 C364 C367 C367 C366 C366 C370 C374 C375 C377 C377 C377 C377 C377 C377 C378 C378	F0 07 20 CC A9 00 20 42 20 43 20 42 40 92 40 92 42 75 20 45 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 83 10 93 60 73 60 82 60 137 60 137 60 137 61 37	C9 CA C1 CA	BERAARRAA JSRAAJSRAAJSRA JSRAAJSRA JSRAAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAARRAA JSRAARRAA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C36A \$C593 #\$88 "F? \$CA1C BASIC-LINE	ROR"	-
C35D C360 C362 C364 C367 C36A C36D C36E C370 C374 C375 C377 C377 C377 C377 C377 C377 C377	F0 07 20 CC A9 00 85 02 20 43 20 43 20 43 40 92 40 92 40 75 20 75 20 75 40 75 60 73 60 73 60 88 70 88 60 10 80 10 60 10 60 10 74 37	C9 CA C1 CA	BERAARRAA JSRAAJSRAAJSRA JSRAAJSRA JSRAAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAARRAA JSRAARRAA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJSRA JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSRAJS JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 "Ff #\$C2 \$CA1C	ROR"	-
C35D C360 C362 C364 C367 C367 C368 C368 C368 C370 C373 C377 C377 C377 C377 C377 C377	F0 07 20 CC A9 00 20 62 20 43 20 42 40 92 40 745 40 745 40 745 60 F3 60 F3 60 62 60 10 60 10 60 10 60 37 60 37 60 37 60 37	C9 CA C1 CA	BERAA JSRAA JSRAA JSRAA JSRAA JSRAA JSRA JSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 *C593 #\$88 *FF #\$C2 \$CA1C BASIC-LINE \$C389	ROR"	-
C35D C360 C362 C364 C367 C367 C368 C368 C368 C373 C377 C377 C377 C377 C377 C377 C37	F0 07 20 00 85 02 20 92 20 92 20 92 40 92 40 92 40 92 40 92 40 745 60 745 60 745 60 88 70 88 20 88 10 88 20 88 10 88 20 88 10 88 10 88 10 88 10 88 10 88 10 88 10 88 10 88 10 88 10 88 11 10 12 10 13 10 14 10 15 10 16 10 17 10 </td <td>C9 CA CA C5 CA</td> <td>BERAARRAADRXALSAYYAQR JDAADRXALSAYYAQR JDAADRXALSAYAQR JDAADRXALSAYAQR</td> <td>\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C593 #\$88 *C593 #\$88 *C593 #\$88 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 *C595 *C645</td> <td>ROR"</td> <td>-</td>	C9 CA CA C5 CA	BERAARRAADRXALSAYYAQR JDAADRXALSAYYAQR JDAADRXALSAYAQR JDAADRXALSAYAQR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C593 #\$88 *C593 #\$88 *C593 #\$88 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 #\$68 *C593 *C595 *C645	ROR"	-
C35D C360 C362 C364 C367 C36A C36A C36D C36B C373 C377 C377 C377 C377 C377 C377 C37	F0 07 20 CC A9 00 20 43 20 43 20 43 20 43 40 92 40 92 40 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 83 20 83 20 83 20 82 40 37 20 82 20 37 20 37 20 37 20 37 20 37 20 37 20 37 20 37	C9 CA CA C5 CA	BERAARRAADRXALRAYYQR JJDANSXALRAYYQR LSR	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 "Ff #\$C2 \$CA1C BASIC-LINE \$C389 \$DCCE \$0D	ROR" =#+1	MESSACE
C35D C360 C362 C364 C367 C367 C367 C367 C367 C367 C377 C377	F0 07 20 00 80 02 20 02 20 02 20 02 20 02 20 02 20 02 20 02 20 02 20 745 20 745 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 83 20 84 20 84 20 97 20 97 46 97	C9 CA CA C5 CA	BERAARRAADRXA JSDAADRXA JSDAADRXA JSDAADRXA JSDAY SDA JSDA JSDA JSDA JSDA JSDA JSDA JSDA	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 "FF \$C81C BASIC-LINE \$C389 \$DCCE \$0D #\$97	ROR" =#+1	-
C35D C360 C362 C364 C367 C36A C36A C36D C36B C373 C377 C377 C377 C377 C377 C377 C37	F0 07 20 CC A9 00 20 43 20 43 20 43 20 43 40 92 40 92 40 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 75 20 83 20 83 20 83 20 82 40 37 20 82 20 37 20 37 20 37 20 37 20 37 20 37 20 37 20 37	C9 CA CA C5 CA	BERAARRAADRXA JSDAADRXA JSDAADRXA JSDAADRXA JSDAY SDA JSDA JSDA JSDA JSDA JSDA JSDA JSDA	\$C364 \$FFCC #\$00 \$0E \$C9E2 \$CA43 \$C192, X #\$7F \$CA45 *C36A \$C36A \$C593 #\$88 "Ff #\$C2 \$CA1C BASIC-LINE \$C389 \$DCCE \$0D	ROR" =#+1	MESSACE

C38F C392 C395 C397 C399 C390 C390 C395 C381 C385	20 10 CA 20 6F C4 86 77 84 78 20 70 00 AA F0 F3 A2 FF 86 37 90 06 20 95 C4 40 F7 C6		
C388 C388	<u>40 F7 C6</u> 20 73 C8 20 95 C4	JSR \$C873	HANDLE
C3AE C3B1	84 05	STY N-SUBSCR	NEW
C383	20 20 05	JSR ≉C52C	BASIC
C386	90 44	BCC \$C3FC LDY #\$01	LINE
C388 C388	A0 01 B1 5C	LDA (WK-POINTR),Y	FROM
CBBC	85 20	STA POINTER-HI	
CBBE	A5 2A	LDA END-BASIC	KEYBOARD
C3C0 C3C2	85 1F 85 5D	STA POINTER LDA WK-POINTR+1	
C3C4	85 22	STA \$22	
C3C6 C3C8	A5 5C 88	LDA WK-POINTR Dey	
0303	65 F1 5C	SBC (WK-POINTR),Y	
CBCB	18	CLC	
CBCC CBCE	65 2A 85 2A	ADC END-BASIC STA END-BASIC	
CBDØ	85 21	STA \$21	
C3D2	A5 28	LDA END-BASIC+1	
C3D4 C3D6	69 FF 85 2B	.ADC #\$FF STA END-BASIC+1	
C3D8	E5 5D	SEC WK-POINTR+1	
CBDA	AA TO	TAX	
CBDB CBDC	38 A5 5C	SEC LDA WK-POINTR	
CBDE	E5 28	SBC END-BASIC	
CBEØ	88 88		
CBE1 CBE3	80 03 E8	BCS \$C3E6 INX	
CBE4	CE 22	DEC \$22	r.
CBE6 CBE7	18 65 1F	CLC ADC POINTER	
CBES	90 03 90 16	BCC \$C3EE	
CBEB	C6 20	DEC POINTER-HI	
CBED CBEE	18 81 1F	CLC LDA (POINTER),Y	
CBFØ	91 21	STA (\$21),Y	
CBF2 CBFB	C8 D8 50	INY DNF +CREF	
UBFB CBF5	D0 F9 E6 20	BNE \$C3EE INC POINTER-HI	
CBF7	E6 22	INC \$22	
C3F9 C3FA	CA D0 F2	DEX BNE ≉C3EE	
CEFC	20 72 05	DNE ≇U3EE JSR \$C572	
CIFF	20 42 04	JSR \$C442	
0402 0405	AD 00 02 F0 88	LDA \$0200 BEQ \$0292	
나타민만		CEM ANDER	

C407 C408 C408 C408 C408 C408 C408 C408 C408	1925055881 6812EFEFA85 6874890840540054545448 6828400540054545448	C2 Ø1 Ø1	ADC STA LDY STY BCC INY STY JSR LDY STA LDY STA LDY STA	<pre>\$57 N-SUBSCR \$55 END-BASIC+1 \$58 \$C417 \$56 \$C2D8 oper up space FIXED-L0 FIXED-HI \$01FE \$01FE \$01FF END-ARRAYS END-ARRAYS+1 END-BASIC END-BASIC END-BASIC+1</pre>	
C431	89 FC	91		\$01FC, Y	
C434	91 SC		STA	(WK-POINTR), Y	
C436 C437	88 10 F8		DEY BPL	\$ C431	
C437	20 72	C5	JSR	\$C572	
C43C	20 42	C4	JSR		
<u>C43F</u>	40 92	<u>C3</u>		\$C392	
C442 C444	A5 28 A4 29			START-BASIC START-BASIC+1	CORRECT
C444	85 1F			POINTER	BASIC
C448	84 20			POINTER-HI	CHAINING
C44A	18		CLC		
C44B	A0 01 B1 1F			#\$01 (POINTER), Y	
C44D C44F	B1 1F FØ 1D			\$C46E	
C451	AØ 04			#\$04	
C453	CS		INY		
C454	E1 1F			(POINTER), Y	
C456 C458	DØ FB CS		ENE INY	\$C453	
C438 C459	28 98		TYR		
C45A	65 1F			POINTER	
C45C	A A		TRX		
C45D	A0 00				
C45F C461	91 1F 85 20			(POINTER), Y POINTER-HI	
C463	69 00			#\$00	
C465	CS I		INY		
C466	91 1F			(POINTER), Y	
C468	86 1F			POINTER	
C46A C46C	85 20 90 DD			POINTER-HI ≰C44B	
C46E	60		RTS	*0++0	
C46F	A2 00		LDX	#\$00	RECEIVE FROM
C471	20 81	C4		\$C481	KEYBOARD
0474 0474	C9 0D F0 05			#≉0D ≉C47E	
0476	F0 05			ANDALC ANDALC	

C47C	D0 F3		BNE	\$C471		
C47E	4C D5	<u>C9</u>	JMP	\$C9D5		
C481	20 0	FF	JSR	\$FFCF	"INPUT"	GET A
C484	A4 ØE		LDY BNE	\$0E \$C494		CHARACTER
C486	DØ ØC C9 ØF		CMP	#\$ØF		_
C488 C488	D0 08	•	ENE	\$C494		From
C48C	48		PHA			KEY BOARD
C48D	A5 00		LDA	\$ØD		
C48F	49 FF		EOR	#\$FF		
C491	85 OD		STA	\$0D		
C493	68		PLA			
<u>C494</u>	60		<u>RTS</u> LDX	BASIC-	ONNE	
0495	A6 77 A0 04			ビロション- #字04	-1005	CHANGE
C497 C499	84 09		STY	\$09		Keywords
C498		62	LDA	\$0200,	x	
C49E	10 07		BPL	\$C487		to tokens
C480	C9 FF		CMP	#\$FF		
C482	FØ 3E		BEQ	\$C4E2		
C484	ES		INX			
C485	D0 F4		BNE	\$C49B		
C487	C9 20		CMP	#\$20		
C489	FØ 37		BEQ	\$C4E2		
C4AB	85 04		STA	\$Ø4 ##200		
C4AD	C9 22 FØ 56		CMP BEQ	#\$22 \$C507		
C4AF C481	FØ 56 24 09		BIT	\$09 \$		
C4B3	24 03 70 2D		BVS	≠0 <i>3</i> \$C4E2		
C485	C9 3F		CMP	#\$3F		
C4B7	DØ 04		BNE	\$C46D		
C4B9	A9 99		LDA	#\$99		
C488	<u>DØ 25</u>		BNE	\$C4E2		
C4BD	C9 30		CMP	#\$30		
C4BF				\$ C4C5		
C4C1				#\$3C		
C4C3				\$C4E2		
C4C5 C4C7	84 6E		STY			
C4C9	A0 00 84 05			#\$00 N-SUBS		
C4CB	88		DEY	N-2063		
C4CC	86 77			BASIC-	ADDS	
C4CE	CA		DEX	011010		
C4CF	CS		INY			
C4D0	ES		INX			
C4D1	BD 00 0	32		\$0200,	X	
C4D4	38		SEC			
C4D5	F9 92 (20		\$0092,	Y	
C4D8	FØ F5			\$C4CF		
C4DA C4DC	C9 80 D0 30			#\$30		
C4DC	D0 30 05 05			\$C50E	CP	
C4EØ	80 85 R4 6E			N-SUBS	·· F.	
C4E2	E8		INX	4°05		
	CS CS		INY			
C4E4		31		\$01FB)	Ŷ	
C4E7		31		\$01FB,		
C4EA	F0 36			\$0522	-	
	_ ,					

C529 85 77 STA BASIC-HDDS C526 60 RTS C52C A5 28 LDA START-BASIC FIND C522 A6 29 LDX START-EASIC+1 BASIC C532 85 5C STA WK-POINTR LINE C532 85 5C STA WK-POINTR LINE C534 86 5D STX WK-POINTR+1 FROM C536 B1 5C LDA KW-POINTR+1 FROM C536 F0 1F BEQ \$C559 LINE # C538 C8 INY C538 C556 C537 C54 F0 B BCC \$C579 C542 F0 03 BEQ \$C547 C544 S C544 S8 DEY C544 DEY C544 S DEY C544 90 0C	C4F1 C4F5 C4F5 C4F5 C4F7 C4F7 C4F7 C4F7 C4F7 C503 C503 C503 C503 C503 C503 C503 C503	F09053590050050508989806689090535900500550898980668909500500500500500500500500500500500500050000		CESSESLECENA QPQYAXEXCYALAEALACA	<pre>\$C4F7 \$09 #\$55 \$C49B \$04 \$0200,X \$C4E2 \$04 \$C4E2 \$04 \$C4E2 \$01FB,Y \$C4E2 \$01FB,Y \$C4E2 \$01FB,Y \$C4E2 \$01FB,Y \$C4E2 \$C091,Y \$C512 \$C091,Y \$C512 \$C092,Y \$C4D1 \$0200,X \$C4E0 \$01FD,Y BASIC-ADDS./HI #\$FF</pre>	
C527 A9 FF LDA ##FF C529 85 77 STA BASIC-ADDS C526 60 RTS FIND C522 A5 28 LDA START-BASIC FIND C522 A5 28 LDA START-BASIC+1 BASIC C522 A6 01 LDY ##01 BASIC C532 85 5C STA WK-POINTR LINE C534 86 5D STX WK-POINTR+1 FROM C536 B1 5C LDA GKK-POINTR+1 FROM C536 F0 1F BEQ #C559 LINE # C538 F0 1F BEQ #C559 LINE # C538 C8 INY C540 90 18 BCC \$ C532 D1 5C CMP (WK-POINTR), Y C544 88 DEY C544 98 DEY C547 C548 DE DE C557A C547 R5 11 LDA </td <td></td> <td></td> <td>01</td> <td></td> <td></td> <td></td>			01			
C529 85 77 STA BASIC-ADDS C526 60 RTS C522C A5 28 LDA START-BASIC FIND C528 A6 29 LDX START-BASIC+1 BASIC C539 A6 01 LDY #\$61 BASIC C532 85 5C STA WK-POINTR LINE C534 86 5D STX WK-POINTR+1 FROM C536 B1 5C LDA (WK-POINTR+1 FROM C536 B1 5C LDA (WK-POINTR), Y LINE # C538 F0 1F BEQ \$C559 LINE # C538 C8 INY C538 C8 INY C538 C8 INY C540 90 18 ECC \$C57A C540 90 18 BCC \$C57A C544 88 DEY C544 98 DEY C547 C544 88 DEY C547 A5 11 LDA FIXED-LO C549 88 DEY C548 06 BEQ						
CS2E 60 RTS C52C A5 28 LDA START-BASIC FIND C52E A6 29 LDX START-BASIC+1 BASIC C532 A9 01 LDY #\$01 BASIC C532 A9 D <stx< td=""> WK-POINTR LINE C536 B1 SC LDA (WK-POINTR), Y LINE # C538 C8 INY C538 C8 INY C538 C8 INY C536 C8 INY C540 90 Is EC55A C544 G8 DEY C544 B DEY C544 D1 SC CMP (WK-</stx<>						
C52E A6 29 LDX START-BASIC+1 BASIC C539 A0 01 LDY #\$01 BASIC C532 85 5C STA WK-POINTR LINE C534 96 5D STX WK-POINTR LINE C536 B1 5C LDA (WK-POINTR), Y FROM C536 B1 5C LDA (WK-POINTR), Y LINE C537 C8 INY C538 F0 IF BEQ #C559 LINE # C538 F0 1F BEQ #C559 LINE # LINE # C538 C8 INY C538 C8 INY LINE # C536 D1 5C CMP (WK-POINTR), Y LINE # C540 90 18 BCC #C550 C547 C544 S8 DEY C544 D1 SC CMP (WK-POINTR), Y C544 S9 DEY C544 D1 SC CMP (WK-POINTR), Y C551 B1						
C52E A6 29 LDX START-ERSIC+1 $BASIC$ C539 A0 01 LDY #\$01 $BASIC$ C532 85 5C STA WK -POINTR LNE C534 96 5D STX WK -POINTR+1 $FROM$ C536 B1 5C LDA $(WK$ -POINTR), Y $LINE$ C536 B1 5C LDA $(WK$ -POINTR), Y $LINE$ C538 F0 1F BEQ \$C559 $LINE$ E C537 C5 LDA FIXED-HI $FROM$ E E E C538 C8 INY C C E	C52C					FIND
C535 H5 C5 STA WK-POINTR LINE C532 85 SC STA WK-POINTR FROM C536 B1 SC LDA (WK-POINTR), Y FROM C538 F0 1F BEQ \$C559 LINE # C538 F0 1F BEQ \$C559 LINE # C538 C8 INY C538 C8 INY C538 C8 INY C549 S8 DEY C545 D0 09 ENE \$C550 C547 A5 11 LDA FIXED-LO C548 D1 SC CMP (WK-POINTR), Y C547 B1 SC LDA (WK-POINTR), Y C551 B1 SC						
C534 86 5D STX WK-POINTR+1 FROM C536 B1 5C LDA (WK-POINTR), Y LINE # C538 F0 1F BEQ \$C559 LINE # C538 C8 INY LINE # C538 D1 5C CMP (WK-POINTR), Y C540 90 18 ECC \$C550 C542 F0 03 BEQ \$C547 C544 S8 DEY C548 D1 SC C547 A5 11 LDA FIXED-LO C548 C548 D1 5C CMP (WK-POINTR), Y C551 C551 B1 5C LDA (WK-POINTR), Y						•
C5386 B1 5C LDH CWK-POINTR), Y LINE # C538 F0 1F BEQ $*C559$ LINE # C538 CS INY C538 D1 5C CMP (WK-POINTR), Y C540 90 18 BCC $*C558$ C542 F0 03 BEQ $*C547$ C544 88 DEY C545 D0 09 BNE $*C550$ C547 A5<11				STX	WK-POINTR+1	
C538 C8 INY C538 C8 INY C532 A5 12 LDA FIXED-HI C532 D1 5C CMP (WK-POINTR), Y C540 90 18 BCC \$C55A C542 F0 03 BEQ \$C547 C544 S8 DEY C545 D0 09 BNE \$C550 C547 A5 11 LDA FIXED-LO C548 S8 DEY C547 B1 5C CMP (WK-POINTR), Y C554 S8 DEY C551 B1 5C LDA (WK-POINTR), Y C553 AA TAX C554 S8 DEY C555 B1 5C LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC C554 60<						FROM
C538 C8 INY C53C A5 12 LDA FIXED-HI C53E D1 5C CMP (WK-POINTR), Y C540 90 18 BCC \$C55A C542 F0 03 BEQ \$C547 C544 S8 DEY C547 A5 C547 A5 11 LDA FIXED-LO C548 D0 09 ENE \$C550 C547 A5 11 LDA FIXED-LO C548 D1 5C CMP \$WK-POINTR), Y C547 A5 11 LDA FIXED-LO C548 D1 5C CMP \$WK-POINTR), Y C540 90 0C BCC \$C55A C542 F0 ØA BEQ \$C55A C543 B1 5C LDA \$WK-POINTR), Y C554 88 DEY \$S55 B1 \$C C555 B1 5C LDA \$WK-POINTR), Y C557 B0 <td>C536</td> <td>B1 5C</td> <td></td> <td>LDA</td> <td></td> <td></td>	C536	B1 5C		LDA		
C53ED15CCMP $(WK-POINTR), Y$ C5409018BCC\$C55AC542F003BEQ\$C547C54488DEYC545D009ENE\$C550C547A511LDA $FIXED-L0$ C54988DEYC54AD15CCMP $(WK-POINTR), Y$ C54C900CBCC\$C55AC54EF00ABEQ\$C55AC55088DEYC551B15CLDA $(WK-POINTR), Y$ C553AATAXC55488DEYC555B15CLDA $(WK-POINTR), Y$ C557B0D7BCS\$C530C55918CLCCLCC55460RTS	C536 C538	B1 5C FØ 1F		LDA Beq		
C540 90 18 BCC \$C55A C542 F0 03 BEQ \$C547 C544 S8 DEY C545 D0 09 BNE \$C550 C547 A5 11 LDA FIXED-LO C549 S8 DEY C544 D1 5C CMP (WK-POINTR), Y C542 90 0C BCC \$C55A C547 A5 11 LDA FIXED-LO C549 S8 DEY C547 90 0C BCC \$C55A C547 90 0C BCC \$C55A C548 P0 0A BEQ \$C55A C550 88 DEY C551 B1 5C LDA (WK-POINTR), Y C553 AA TAX C554 88 DEY C555 B1 5C LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC CLC C554 60 RTS	C536 C538 C538 C538	81 5C FØ 1F CS CS		LDA BEQ INY INY	\$ C559	
C544 88 DEY C545 D0 09 ENE \$C550 C547 A5 11 LDA FIXED-LO C549 88 DEY C544 D1 50 CMP (WK-POINTR), Y C546 90 00 BCC \$C558 C547 F0 0A BEQ \$C558 C548 D1 50 BCC \$C558 C540 90 0C BCC \$C558 C541 F0 0A BEQ \$C558 C553 81 50 LDA (WK-POINTR), Y C553 AA TAX C554 88 DEY C555 B1 50 LDA (WK-POINTR), Y C557 C557 B0 D7 BCS \$C530 C559 18 CLC C558 18 CLC CLC C558 60 RTS	C536 C538 C538 C538 C530	B1 5C F0 1F C8 C8 A5 12		LDA BEQ INY INY LDA	\$C559 FIXED-HI	
C545 D0 09 ENE \$C550 C547 A5 11 LDA FIXED-LO C549 S8 DEY C54A D1 5C CMP (WK-POINTR), Y C54C 90 0C BCC \$C55A C54E F0 0A BEQ \$C55A C550 S8 DEY C551 B1 5C LDA (WK-POINTR), Y C553 AA TAX C553 AA TAX C554 S8 DEY C555 B1 5C LDA (WK-POINTR), Y C555 B1 5C LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC CLC C10 CLC C10 CLC C10 C55A 60 RTS RTS CLC C10 C10 C10	C536 C538 C538 C538 C53C C53C C53E C540	B1 5C F0 1F C8 C8 A5 12 D1 5C		LDA BEQ INY INY LDA CMP	\$C559 FIXED-HI (WK-POINTR),Y	
C547 A5 11 LDA FIXED-LO C549 S8 DEY C54A D1 5C CMP (WK-POINTR), Y C54C 90 0C BCC \$C55A C54E F0 0A BEQ \$C55A C550 S8 DEY C551 B1 5C LDA (WK-POINTR), Y C553 AA TAX C554 S8 DEY C555 B1 5C LDA (WK-POINTR), Y C555 B1 5C LDA (WK-POINTR), Y C555 B1 5C LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC C553 60 C55A 60 RTS E E	C536 C538 C538 C538 C53C C53C C53E C540 C542	B1 5C F0 1F C8 C8 A5 12 D1 5C 90 18 F0 03		LDA BEQ INY INY LDA CMP BCC BEQ	\$C559 FIXED-HI (WK-POINTR),Y \$C558	
C54A D1 5C CMP (WK-POINTR), Y C54C 90 0C BCC \$C55A C54E F0 0A BEQ \$C55A C550 S8 DEY C551 B1 5C LDA (WK-POINTR), Y C553 AA TAX C554 S8 DEY C553 B1 5C LDA (WK-POINTR), Y C554 S8 DEY C555 B1 5C LDA (WK-POINTR), Y C555 B1 5C LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC C55A 60 RTS	C536 C538 C538 C538 C53C C53C C53E C540 C542 C542	B1 5C F0 1F C8 C8 A5 12 D1 5C 90 18 F0 03 88		LDA BEQ INY INY LDA CMP BEQ BEQ DEY	<pre>\$C559 FIXED-HI (WK-POINTR), Y \$C558 \$C547</pre>	
C54C 90 0C BCC \$C55A C54E F0 0A BEQ \$C55A C550 88 DEY C551 B1 5C LDA (WK-POINTR), Y C553 AA TAX C554 88 DEY C553 AA TAX C554 88 DEY C555 B1 5C LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC C55A 60 RTS	C536 C538 C538 C538 C530 C530 C540 C542 C544 C545 C545 C547	 B1 5C F0 1F C8 A5 12 D1 5C 90 18 F0 03 88 D0 09 A5 11 		LDA BEQ INY LDA CMP BCC BEQ DEY ENE LDA	<pre>\$C559 FIXED-HI (WK-POINTR), Y \$C558 \$C547 \$C550</pre>	
C550 88 DEY C551 B1 5C LDA (WK-POINTR),Y C553 AA TAX C554 88 DEY C555 B1 5C LDA (WK-POINTR),Y C557 B0 D7 BCS ≇C530 C559 18 CLC C55A 60 RTS	C536 C538 C538 C538 C530 C530 C540 C542 C544 C545 C547 C549	 B1 5C FØ 1F C8 A5 12 D1 5C 90 18 FØ 03 S8 DØ 09 A5 11 S8 		LDA BEQ INY LDA CMP BCC BEQ DEY ENE LDA DEY	<pre>\$C559 FIXED-HI (WK-POINTR), Y \$C55A \$C547 \$C55Ø FIXED-L0</pre>	
C551 B1 5C LDA (WK-POINTR), Y C553 AA TAX C554 88 DEY C555 B1 5C LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC C55A 60 RTS	C536 C538 C538 C538 C538 C538 C540 C542 C544 C545 C547 C549 C548	 B1 5C FØ 1F CS A5 12 D1 5C 90 18 FØ 03 S8 D0 09 A5 11 S8 D1 5C 		LDA BEQ INY LDA CMP BEQ DEY ENA DEY CMP	<pre>\$C559 FIXED-HI (WK-POINTR), Y \$C55A \$C55A \$C5547 \$C550 FIXED-L0 (WK-POINTR), Y</pre>	
C553 AA TAX C554 S8 DEY C555 B1 50 LDA (WK-POINTR), Y C557 B0 D7 BCS \$C530 C559 18 CLC C55A 60 RTS	C536 C538 C538 C538 C538 C538 C538 C540 C542 C544 C544 C545 C547 C549 C548 C548 C548 C548 C548 C548	 B1 5C F0 1F C8 A5 12 D1 5C 90 03 F0 03 B0 09 A5 11 S0 09 A5 11 S0 00 F0 0A 		LDA BEQ INY LDA CMP BEQ DEY BEQ DEY BEQ DEY BEQ BEQ BEQ	<pre>\$C559 FIXED-HI (WK-POINTR), Y \$C55A \$C547 \$C550 FIXED-L0 (WK-POINTR), Y \$C55A</pre>	
C555 B1 5C LDA (WK-POINTR>,Y C557 B0 D7 BCS ≇C530 C559 18 CLC C55A 60 RTS	C536 C538 C538 C538 C538 C538 C540 C542 C544 C545 C547 C547 C547 C548 C547 C548 C548 C548 C548 C548 C548 C548 C548	B1 5C F0 1F C8 5 A5 12 D1 5C 90 18 F0 03 50 09 A5 11 S0 09 A5 11 S0 00 F0 0A S8		LDA BEQ INY LDA CMPC BEQ EEQ EEQ DEY BEQ DEY BEQ DEY BEQ DEY	<pre>\$C559 FIXED-HI (WK-POINTR),Y \$C55A \$C547 \$C550 FIXED-L0 (WK-POINTR),Y \$C55A \$C55A \$C55A</pre>	
C557 B0 D7 BCS \$C530 C559 18 CLC C55A 60 RTS	C536 C538 C538 C538 C538 C538 C540 C542 C542 C544 C544 C545 C547 C549 C546 C546 C551 C553	 B1 5C FØ 1F CS A5 12 D1 5C 90 18 FØ 03 C9 09 A5 11 S8 09 A5 11 S8 01 5C 90 0A S8 5C AA 		LDA BEQ INY LDA BES DENA DENC BES DENA DENC BES DENA DENC BES DENA DENC BES DENA DENC BES DENA DENC BES DENA DENC BES DENC BES DENC DENC BES DENC DENC BES DENC DENC BES DENC DENC BES DENC DENC BES DENC DENC BES DENC DENC BES DENC DENC BES DENC DENC BES DENC DENC DENC BES DENC DENC DENC DENC DENC DENC DENC DENC	<pre>\$C559 FIXED-HI (WK-POINTR),Y \$C55A \$C547 \$C550 FIXED-L0 (WK-POINTR),Y \$C55A \$C55A \$C55A</pre>	
C559 18 CLC C558 60 RTS	C536 C538 C538 C538 C538 C538 C538 C540 C542 C544 C544 C544 C547 C544 C547 C544 C544	B1 5C F0 1F C8 12 D1 5C 90 13 F0 03 D0 09 A5 11 S8 5C 90 04 S8 5C F0 88 S1 5C S8 5C F0 88 S1 5C F0 88		LDA BENY IDA BEESE DE DE BEESE DE DE BEESE DE DE BEESE DE DE DE DE DE DE DE DE DE DE DE DE DE	<pre>\$C559 FIXED-HI (WK-POINTR),Y \$C55A \$C55A \$C55Ø FIXED-L0 (WK-POINTR),Y \$C55A \$C55A \$C55A \$C55A \$C55A</pre>	
	C536 C538 C538 C538 C538 C538 C538 C540 C542 C544 C544 C544 C544 C544 C544 C554 C55	B1 5C F0 1F CS 12 D1 5C 90 13 90 03 90 09 A5 11 90 60 90 60 90 60 90 60 80 69 A5 5C 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60 90 60		LDA BENY IDA COCQ E BENA COCQ E BENA COCQ COCQ COCQ COCQ COCQ COCQ COCQ COC	<pre>\$C559 FIXED-HI (WK-POINTR),Y \$C55A \$C547 \$C550 FIXED-L0 (WK-POINTR),Y \$C55A \$C55A \$C55A \$C55A (WK-POINTR),Y (WK-POINTR),Y</pre>	
	C536 C538 C538 C538 C538 C538 C538 C538 C542 C542 C542 C544 C544 C544 C544 C544	B1 5C FØ 1F CS 12 D1 5C 90 18 FØ 03 D0 19 A5 11 S8 09 A5 11 S90 09 A5 5C 90 0A S91 5C AA 5C B1 5C B0 D7 18 5C		LDA BENYY LDMPC BEENEAY PC BEENEAY PC BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEAY LDCB BEENEA LDCB BEENEA LDCB BEENEA LDCB BEENEA LDCB BEENEA LDCB BEENEA LDCB BEENEA LDCB LDCB LDCB BEENEA LDCB LDCB LDCB LDCB LDCB LDCB LDCB LDCB	<pre>\$C559 FIXED-HI (WK-POINTR),Y \$C55A \$C547 \$C550 FIXED-L0 (WK-POINTR),Y \$C55A \$C55A \$C55A \$C55A (WK-POINTR),Y (WK-POINTR),Y</pre>	

F@23578ACE@2579BDF14688ACE@35789ACDEF@24 CC5566666677779BDF14688ACE@357899ACDEF@24 CC55555555557779BDF14688ACE@3575555999ACDEF@24	18 69 02	TAY STA (START-BASIC),Y INY STA (START-BASIC),Y LDA START-BASIC CLC ADC #\$02 STA END-BASIC LDA START-BASIC+1 ADC #\$00 STA END-BASIC+1 JSR \$CSA7 LDA #\$00 ENE \$CSA6 LDA MEM-LIMIT LDY MEM-LIMIT+1 STA STRING-L0 STY STRING-L0+1 JSR \$FFE7 LDA END-BASIC LDY END-BASIC+1 STA END-VARIBLES STY END-VARIBLES STY END-ARRAYS+1 JSR \$C730 LDX #\$16 STX \$13 PLA LDX #\$FA TAY PLA LDA #\$00 STA PCOMD+1 STA \$00
<u>C5A6</u> C5A7 C5A8	<u>60</u> 18 A5 28	CLC RESET
CSAA	69 FF	ADC #SFF BASIC
C5AC C5AE	85 77 A5 29	STA BASIC-ADDS TO LDA START-BASIC+1 START
C580 C582	69 FF 85 78	ADC #\$FF STA BASIC-ADDS/HI
<u>C584</u> C585	<u>60</u> 90 06	RTS
C587	F0 04	ECC \$C5ED \LIST' BEQ \$C5ED
C589 C588	C9 AB D0 E9	CMP #\$AB " ~" BNE \$C5A6
CSBD	20 73 C8	JSR \$0873 GET FK.PT. NUMBER
C5CØ C5C3	20 20 05 20 76 00	JSR \$C520 FIND BATIC LINE JSR \$0076
C5C6 C5C8	F0 0C C9 AB	BEQ \$C5D4
C5CA	DØ SE	CMP #\$AB *-" ENE \$C55A X73
0500	20 70 00	JSR \$0070
C5CF	20 73 88	JSR \$0873 GET FX PT. HUMBER

C5D2	DØ 86	ENE	\$C55A		
C5D4	68	PLA		KILL SUBR	TN
0505	68	PLA		STATU S	
C5D6	A5 11	LDA	FIXED-	-L0	
C5D8	05 12	ORA	FIXED-	-HI	
CSDA	DØ .06	BNE	\$C5E2		
C5DC	A9 FF	LDA			
CSDE	85 11	STA		-LO	
CSE0	85 12		FIXED-		
	RØ 01		#\$Ø1	NEN LINE	
CSE2	84 09		\$09		
CSE4	E1 5C			DINTR>, Y	
C5E6	FØ 43		\$C62D	ERIT	
CSE8	20 E1 F	_	\$FFE1	TE 17 - 570P	
C5EA	20 E1 1		\$C9E2	(CR,LF)	
C5ED		INY	40222	=2	
C5F0	C8 B1 5C	LDA			
C5F1		TAX			
C5F3	AA	INY			
C5F4	C8			INTR), Y	
C5F5	B1 5C		FIXED-		
C5F7	C5 12				
CSF9	DØ 04		\$C5FF		
C5FB	E4 11		FIXED-	20	
CSFD	F0 02		\$C601 \$C62D		
C5FF	BØ 2C			`	
C601	84 46			PRINT LINE#	
C603	20 D9 D			Line . a C #	
0606	A9 20	LDA	#\$20	•	
0608	A4 46				
CEOR	29 7F	AND		P. OUTPUT	
0600	20 45 CI		\$CA45	QUOTE ?	
CEOF	C9 22	•	#\$22	QUUTE .	
C611	D0 06 A5 09	BNE LDA	\$C619 \$09		
C613					
C615	49 FF	EOR	#\$FF		
C617 C619	85 89	STA	\$09		
	C3	INY	***	"READY"	
C61A	FØ 11	BEQ			
C61C	B1 5C	LDA		INTR>, Y	
C61E	D0 10	BNE	\$0630		
C620	AS FA	TAY			
C621	B1 5C	LDA		INTRD Y	50 TO
C623 C624	AA C8	TAX			NERT LINE
C625		INY			CCCC CINE
	B1 5C			INTR), Y	
C627	86 50		WK-POI		
C629 C628	85 5D		WK-POI	NIKTI	
	DØ 85		\$C5E2		
C62D	4C 89 C		\$C389 *C389	"READY"	
C630 C632	10 DA C9 FF	EPL CME	\$C60C		
C634	C9 FF FØ D6	CMP	#\$FF \$C60C		
C636	70 D6 24 09	BEQ	\$09 \$09		
C638	24 09 30 D2	BIT BMI	\$059C		
C638 C638	30 02 38	SEC	チレンビレ		
C638	38 E9 7F		##7F		
			π+ιΓ		
0630 0675	AA AA	TAX	V-PNTR	,	
CEBE CE40	84 46 A0 FF		-		
i Pri⊷441	ne rr	ι_L'Τ΄	++ ∓·⊏ ⊏		

C643	FØ Ø8		BEQ	\$C64D		
C645	CS		INY			
C646	B9 92	CØ	LDA	\$C092, Y		
	10 FA		EFL	\$C645		
C649			BMI			
C648	<u>30 F5</u>			<u>\$C642</u>		
C64D	CS		INT		PRINT	
C64E	B9 92	CØ	LDA	\$C092,Y	100	N
C651	30 85		BMI	\$C608	KEYWOR	D
		ca	JSR		. OUTPUT	
C653		СП				
<u>C656</u>	D0 F5		BNE	\$C64D		
C658	89 80		LDA	##80		`For'
C65A	85 ØA		STA	\$0a		FUR
C65C	20 AD	CS	JSR	\$CSAD Sa	RCH STACK	
C:65F		c 2	JSR			
			BNE	\$0669		
C662	DØ 05			キレロロア		•
C664	SA		TXA			•
C665	69 ØF		ADC	#\$ØF		
C667	AA		TAX			
CEES	98		TXS			
			PLA			
C669	68					STACK ENTRY
C66A	68		PLA			FOR ACTIVE 'FOR':
C66B	A9 09		LDA	#\$Ø9 ·		FOR HEINE FOR .
C66D	20 1B	C3	JSR	\$C318 STA	CK TOO DEEP?	
C670		CS .	JSR			- LOOP RETURN ADS
				40002		
C673	18		CLC			- RETURN LINE #
C674	98		TYA			- RETURN LINE #
C675	65 77		ADC	BASIC-AD)DS	
C677	48		PHA			TO VALUE
C678	R5 78		LDA	BASIC-AD	NDSZHI	- TO VALUE
						F
C67A	69 00		ADC	#\$00		Γ
C67C	48		PHA			SICN OF STEP
C67D	A5 37		LDA	BASIC-LI	[NE#+1	
C67F	. 48		PHA			"STEP" VALUE
C680	85 36		LDA	BASIC-LI	INF#	- Step VALUE
	48		PHA			
C682				#\$84 "70	. **	
C683	89 A4		LDA		,	- VARIABLE'S ADDRS
C685	20 FA	CD	JSR	\$CDFA		
C688	20 SE	CC	JSR	\$CC8E		\$ 81
C638	20 8B	CC	JSR	\$CC88		
CESE	A5 63		LDA			
		•				
C690	09 7F		ORA		-	
C692	25 5F		AND	ACC#1./M1		
C694	85 SF		STR	ACC#1/M:	L	
C696	A9 A1		LDA	#\$A1		
C698	A0 C6		LDY	#\$C6		VECTOR
C69A	85 1F			POINTER	ר <u>ר</u>	
C69C	84 20			POINTER-	-HI İ	
C69E	<u>4C 44</u>	CD	JMP	\$CD44	من	
C681	A9 C8		LDA	#\$C8 .		
C683	AØ DS		LDY	#\$DS +	1	
CEAS		DA	JSR	\$DAAE		
CEAS		00	JSR	\$0076		
CEAB	C9 R9		CMP		TEP	
CEAD	D0 06		BNE	\$C685		
CEAF	20 70	ଷତ୍ର	JSR	\$0070		
C682		ĈĈ	JSR	\$CC8E		
0685		DB	JSR	\$DB37		
CIERE	20 39	CD	JSR	\$CD39		
	AL 1		1 14	W-FNTF+1	-	

C68E 85 46	LDA V-PNTR
C6C0 48	PHA
C6C1 A9 81	LDA #\$81
C6C3 48	FHA
C6C4 20 E1 FF	JSR #FFE1 NEXT
C6C7 A5 77 C6C9 A4 78	LDA BASIC-ADDS STATEMENT LDY BASIC-ADDS/HI
C6C9 A4 78 C6CB C0.02	CPY #\$02
CSCD ER	NOP
C6CE F0 04	BEQ \$C6D4
C6D0 85 38	STR PCOMD
C6D2 84 3B	STY FCOMD+1
C6D4 A0 00	LDY #\$00
C6D6 B1 77	LDA (BASIC-ADDS),Y
C6D8 D0 40	ENE \$C71A
C6DA A0 02	LDY #\$02
C6DC B1 77	LDA (BASIC-ADDS),Y CLC
C6DE 18 C6DF D0 03	BNE \$C6E4
C6E1 4C 5B C7	JMP \$C758
C6E4 C8	INY
C6E5 B1 77	LDA (BASIC-ADDS), Y
C6E7 85 36	STA BASIC-LINE#
C6E9 C8	INY
C6EA 81 77	LDA (BASIC-ADDS),Y
C6EC 85 37	STA BASIC-LINE#+1
C6EE 98 C6EF 65 77	TYA ADC BASIC-ADDS
C6F1 85 77	STA BASIC-ADDS
C6F3 90 02	BCC \$C6F7
C6F5 E6 78	INC BASIC-ADDS/HI
C6F7 20 70 00	JSR \$0070
C6FA 20 00 C7	JSR \$C700
C6FD 4C C4 C6	JMP \$0604
<u>C6FD 4C C4 C6</u> C700 F0 3C	<u>JMP \$C6C4</u> BEQ \$C73E EXECUTE
<u>C6FD 4C C4 C6</u> C700 F0 3C C702 E9 80	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80
<u>C6FD 4C C4 C6</u> C700 F0 3C C702 E9 80 C704 90 11	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT
C6FD4CC4C6C700F03CC702E980C7049011C706C923	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 STATEMENT
C6FD4CC4C6C700F03CC702E980C7049011C706C923	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT
C6FD4CC4C6C700F03CC702E980C7049011C706C923C708B017	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 BCS \$C721
C6FD4CC4C6C700F03CC702E980C7049011C706C923C708B017C708A8C708A8C70CB901C00	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 BCS BCS \$C721 ASL A TAY LDA \$C001, Y
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B0 17 C708 B9 01 C708 A8 C707 B9 01 C707 48	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 BCS \$C721 RSL A TAY LDA \$C001, Y PHA
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B9 17 C708 A8 C706 B9 01 C707 48 C710 B9 00	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SCS \$C721 BSC \$C721 ASL A TAY LDA \$C001, Y PHA LDA \$C000, Y
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B0 17 C708 B3 17 C708 B9 01 C0 C705 A8 C706 C0 C707 B9 01 C0 C707 48 C710 B9 00 C0 C713 48 C713 C7 C7 C7 C7	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 BCS BCS \$C721 ASL A TAY LDA \$C0001, Y PHA LDA \$C000, Y PHA FHA SC000, Y
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B0 17 C708 B9 01 C708 B9 01 C707 B9 01 C707 B9 00 C710 B9 00 C0 C713 48 C714 4C 70 00	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 BCS BCS \$C721 ASL A TAY LDA \$C0001, Y PHA JMP \$0070
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B0 17 C708 B9 01 C0 C708 B9 01 C0 C707 48 C7 C0 C713 48 C7 C7 C714 4C 70 00 C717 4C AD C8	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SC5 BCS \$C721 A ASL A TATEMENT LDA \$C0001, Y PHA LDA \$C0000, Y PHA JMP \$0070 JEFAULT TO 'LET'
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B0 17 C708 B9 01 C708 B9 01 C706 B9 01 C707 48 C710 B9 00 C713 48 C714 4C 70	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SC5 BCS \$C721 ASL A TAY ASL A TAY LDA \$C0001, Y PHA LDA \$C000, Y PHA JMP \$0070 DEFAULT TO `LET' CMP #\$3A DEFAULT TO `LET'
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B9 01 C708 A8 C706 B9 01 C707 48 C710 B9 00 C713 48 C714 4C 70 C717 4C AD C716 C9 38	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SC5 BCS \$C721 A ASL A TATEMENT LDA \$C0001, Y PHA LDA \$C0000, Y PHA JMP \$0070 JEFAULT TO 'LET'
C6FD 4C C4 C6 C700 F0 3C C702 E9 80 C704 90 11 C706 C9 23 C708 B0 17 C708 B0 17 C708 B0 17 C708 B9 01 C0 C708 B9 01 C0 C707 48 C0 C0 C713 48 C714 4C 70 00 C717 4C AD C8 C716 E9 3A C717 4C AD C8 C716 E9 3A C716 F0 D9 C716 4C 03 CE C716 4C 03 CE C721 C9 4B	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SC5 \$C721 RSL R R TAY LDA \$C001, Y PHA LDA \$C000, Y PHA JMP \$C000, Y PHA DEFAULT TO `LET' CMP #\$3A BEQ \$C6F7 JMP \$CE03 "STATE FRACK" CMP #\$4E "CO".
$\begin{array}{c ccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C70F & 48 \\ \hline C710 & B9 & 00 & C0 \\ \hline C717 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C716 & F0 & D9 \\ \hline C716 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c cccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C70F & 48 \\ \hline C70F & 48 \\ \hline C710 & B9 & 00 & C0 \\ \hline C713 & 48 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C716 & F0 & D9 \\ \hline C716 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline C725 & 20 & 70 & 00 \\ \hline \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C707 & 48 \\ \hline C707 & B9 & 00 & C0 \\ \hline C717 & 48 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C716 & F0 & D9 \\ \hline C716 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline C725 & 20 & 70 & 00 \\ \hline C728 & A9 & A4 \\ \end{array}$	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SC721 BCS \$C721 ASL A TAY LDA \$C001, Y PHA JMP \$0070 JMP \$0070 DEFRUCT TO `LET' CMP #\$3A BEQ \$C6F7 JMP \$C03" STATE FRANK" CMP #\$4B "C0". BNE \$C71E JSR \$0070 LDA #\$A4 TO"
$\begin{array}{c cccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C707 & B9 & 00 & C0 \\ \hline C707 & 48 \\ \hline C710 & B9 & 00 & C0 \\ \hline C713 & 48 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C716 & F0 & D9 \\ \hline C716 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline C725 & 20 & 70 & 00 \\ \hline C728 & A9 & A4 \\ \hline C728 & 20 & FA & CD \\ \end{array}$	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SC5 BCS \$C721 ASL A TAY LDA \$C001, Y PHA JMP \$0070 JMP \$0070 DEFRUCT TO `LET' CMP #\$3A BEQ \$C6F7 JMP \$CE03 "STATE FRACK" CMP #\$4B "C0". BNE \$C71E JSR \$0070 LDA #\$A4 TO"
$\begin{array}{c ccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C707 & 48 \\ \hline C707 & B9 & 00 & C0 \\ \hline C717 & 48 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C716 & F0 & D9 \\ \hline C716 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline C725 & 20 & 70 & 00 \\ \hline C728 & A9 & A4 \\ \end{array}$	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 SC5 BCS \$C721 ASL A TAY LDA \$C001, Y PHA LDA \$C000, Y PHA JMP \$0070 JMP \$C8AD DEFRUCT to `LET' CMP #\$3A BEQ \$C6F7 JMP \$C203 "STATE FRACK" CMP #\$4B Co" BNE \$C71E JSR \$0070 LDA #\$C0FA TO" JSR \$CDFA TO"
$\begin{array}{c cccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C70F & 48 \\ \hline C710 & B9 & 00 & C0 \\ \hline C717 & 4C & A0 & C8 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C716 & F0 & D9 \\ \hline C716 & F0 & D9 \\ \hline C716 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline C725 & 20 & 70 & 00 \\ \hline C728 & A9 & A4 \\ \hline C728 & 20 & FA & CD \\ \hline C72D & 4C & AD & C7 \\ \hline \end{array}$	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 STATEMENT LDA \$C0001, Y Ascord PHA LDA \$C000, Y PHA JMP \$0070 JMP \$C000, Y PHA BEQ \$C6677 JMP \$C003 "STATEMERAR" CMP #\$3A STATEMERAR" CMP #\$4B Co" BNE \$C71E JSR \$0070 LDA #\$A4 To" JSR \$CDFA To" JMP \$C7AD To"
$\begin{array}{c cccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C707 & 48 \\ \hline C707 & B9 & 00 & C0 \\ \hline C707 & 48 \\ \hline C710 & B9 & 00 & C0 \\ \hline C713 & 48 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C717 & 4C & AD & C8 \\ \hline C717 & 4C & AD & C8 \\ \hline C717 & 4C & AD & C8 \\ \hline C717 & 4C & AD & C8 \\ \hline C717 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline C725 & 20 & 70 & 00 \\ \hline C728 & A9 & A4 \\ \hline C720 & 4C & AD & C7 \\ \hline C730 & 38 \\ \hline \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c cccccc} C6FD & 4C & C4 & C6 \\ \hline C700 & F0 & 3C \\ \hline C702 & E9 & 80 \\ \hline C704 & 90 & 11 \\ \hline C706 & C9 & 23 \\ \hline C708 & B0 & 17 \\ \hline C708 & B0 & 17 \\ \hline C708 & A8 \\ \hline C708 & A8 \\ \hline C706 & B9 & 01 & C0 \\ \hline C707 & 48 \\ \hline C706 & B9 & 00 & C0 \\ \hline C717 & 4C & AD & C8 \\ \hline C714 & 4C & 70 & 00 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C717 & 4C & AD & C8 \\ \hline C716 & F0 & D9 \\ \hline C717 & 4C & 03 & CE \\ \hline C718 & C9 & 3A \\ \hline C716 & F0 & D9 \\ \hline C717 & 4C & 03 & CE \\ \hline C721 & C9 & 4B \\ \hline C723 & D0 & F9 \\ \hline C725 & 20 & 70 & 00 \\ \hline C728 & A9 & A4 \\ \hline C728 & A9 & A4 \\ \hline C720 & 4C & AD & C7 \\ \hline C730 & 38 \\ \hline C731 & A5 & 28 \\ \hline \end{array}$	JMP \$C6C4 BEQ \$C73E EXECUTE SBC #\$80 STATEMENT BCC \$C717 STATEMENT CMP #\$23 STATEMENT BCS \$C721 STATEMENT CMP #\$23 STATEMENT BCS \$C721 STATEMENT CMP #\$23 STATEMENT LDA \$C0001, Y PHA LDA \$C000, Y PHA JMP \$C000, Y PHA LDA \$C000, Y PHA LDA \$C000, Y PHA JMP \$C000, Y PHA SEQ \$C6F7 JEFAULT TO `LET' OMP #\$3A ERART BEQ \$C6F7 JMP \$C003 "STHTAP FRANK" JMP \$C771E JSR \$0070 LDA #\$A4 .'To " JSR \$C0FA .'To " JMP \$C7AD `RESTORE' SEC `RESTORE' LDA START-BASIC `RESTORE'

C737 B0 01	BCS \$C738	
C739 88	DEY	
C73A 85 3E	STA DATA-ADDS_	
C73C 84 3F	STY DATA-ADDS+1	
C73E 60	RTS	
C73F B0 01	BCS \$C742	'STOP'
C741 18	CLC	'END'
C742 D0 40	ENE \$C784.	
C744 R5 77	LDA BASIC-ADDS LDY BASIC-ADDS/HI	
C746 A4 78	LDX BASIC-LINE#+1	
C748 A6 37 C74A E8	INX	
C748 E8 C748 F0 0C	BEQ \$C759	
C74D 85 38	STA PCOMD	
C74F 84 3B	STY PCOMD+1	
C751 R5 36	LDA BASIC-LINE#	
C753 R4 37	LDY BASIC-LINE#+1	
C755 85 38	STA FLINE#	
C757 84 39	STY PLINE#+1	
C759 68	PLA	
C758 68	PLA	
C758 A9 A2	LDA #\$A2 "BREAK"	
C75D A0 C2	LDY #\$C2	
C75F A2 00	LDX #\$00	
C761 86 0D	STX \$0D	
C763 90 03	BCC \$C768 C3 JMP \$C37E	
	<u>C3 JMP \$C37E</u> C3 JMP \$C389	
C768 DØ 17	BNE \$C784	
C760 A2 DB	LDX #SDB "CAN'T CONT"	
C76F A4 3B	LDY PCOMD+1	'CONT!
C771 D0 03	BNE \$C776	
C773 4C 57		
C776 A5 3A	LDA PCOMD	
C778 85 77	STA BASIC-ADDS	
C77A 84 78	STY BASIC-ADDS/HI	
C77C A5 38	LDA PLINE#	
C77E 84 39	LDY FLINE#+1	
C780 85 36	STA BASIC-LINE#	
C782 84 37	STY BASIC-LINE#+1	
<u>C784 60</u> C785 D0 03	RTS ENE \$C78A	
C787 4C 72		'RUN'
	C5 JSR \$C579	
C78D 4C A4		
C790 A9 03	LDA #\$03	`Cosub'
0792 20 18 (DE JSR \$CB18 STACK THE DEEP?	CUSUB
C795 A5 78	LDA BASIC-ADDS/HI	STACK:
C797 48	PHA	4015
C798 A5 77	LDA BASIC-ADDS	- \$C6FD
C798 48		- RETURN ADDS
C798 85 37	LDA BASIC-LINE#+1	
C79D 48	PHA L DO DOSIC-L INS#	LINE #
C79E 85 36 C780 48	LDA BASIC-LINE# PHA	
C7A1 A9 8D	LDA #\$8D	\$8D
07A3 48	PHA	
0784 20 76 (
0787 20 AD (
	an an tha saoran the fact at the	

C7AD C7BØ C7B3 C7B5	20 73 C 20 11 C A5 37 C5 12	
C787 C789 C78A	80 08 98. 38	BCS \$C7C4 TYA SEC ADC BASIC-ADDS
C788 C78D C78F C7C1	65 77 A6 78 90 07 E8	LDX BASIC-ADDS/HI BCC \$C7C8 INX
C7C2 C7C4 C7C6 C7C8	60 04 A5 28 A6 29 20 30 C	BCS ≇C7C8 LDA START-BASIC LDX START-BASIC+1 5 JSR ≢C530
C7CB C7CD C7CF	90 1E A5 5C E9 01	BCC \$C7EB "UNDEF'D STATEMENT" LDA WK-POINTR SEC #\$01 STA BASIC-ADDS
C7D1 C7D3 C7D5 C7D7	85 77 A5 5D E9 00 85 78	LDA WK-POINTR+1 SBC #\$00 STA BASIC-ADDS/HI
C7D9 C7DA	60 D0 FD	RTS BNE \$C7D9
C7DC	A9 FF	LDA #\$FF 'KETUKN'
C7DE	85 47	STA V-PNTR+1 2 JSR \$C2AA JEARCH STACK
C7E0 C7E3	20 AA C: 98	2 JSR \$C2AA JEARCH STACK TXS
C7E4	C9 8D	CMP #\$8D
C7E6	F0 08	BEQ \$C7F3 LDX #\$16 "RETURN WITHEUT COSUB"
C7ES		LDX #\$16 "RETURN WITHEUT COSUB"
C7EA	R2 16 20 R2 51	
•		
C7EA C7EB C7ED	2C R2 50 R2 5R 4C 57 C	BIT \$5882 LDX #\$58 "UNDEF'D STATEMENT" IMP \$0357
C7EA C7EB C7ED C7F0	2C R2 50 R2 5R 4C 57 C 4C 03 C	BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" JMP \$CZ57 JMP \$CE03 "SYNTAX FRR"
C7EA C7EB C7ED C7F0 C7F3	2C R2 50 R2 5R 4C 57 C	BIT \$5882 LDX #\$58 "UNDEF'D STATEMENT" IMP \$0357
C7EA C7EB C7ED C7F0 C7F3 C7F4 C7F5	2C R2 50 R2 5R 4C 57 C 4C 03 C 68 68 85 36	BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" JMP \$C357 JMP \$CE03 "SYNTAX FRA" PLA PLA STA BASIC-LINE#
C7EA C7EB C7ED C7F0 C7F3 C7F3 C7F4 C7F5 C7F5	2C R2 50 R2 5R 4C 57 C 4C 03 C 68 68 68 85 36 68	A BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$C257</u> <u>JMP \$CE03</u> "SYNTAX FRR" PLA STA BASIC-LINE# PLA
C7EA C7EB C7ED C7F0 C7F3 C7F3 C7F4 C7F5 C7F7 C7F8	2C R2 50 R2 5R 4C 57 C 4C 03 C 68 68 68 85 36 68 85 37	BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$C357</u> <u>JMP \$CE03</u> "SYNTAX FRA" PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1
C7EA C7EB C7ED C7F0 C7F3 C7F3 C7F4 C7F5 C7F5	2C R2 50 R2 5R 4C 57 C 4C 03 C 68 68 68 85 36 68 85 36 68 85 37 68 85 77	A BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$C257</u> <u>JMP \$CE03</u> "SYNTAX FRR" PLA STA BASIC-LINE# PLA
C7EA C7EB C7ED C7F3 C7F4 C7F5 C7F5 C7F7 C7F8 C7F8 C7FB C7FB C7FD	2C A2 50 A2 5A 4C 57 C 4C 03 C 68 68 68 85 36 68 85 36 68 85 37 68 85 77 68	EIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$CE03</u> <u>JMP \$CE03</u> "SYNTAX FRA" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS FLA
C7EA C7EB C7ED C7F0 C7F3 C7F4 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7FB C7FD C7FE	2C R2 50 R2 5R 4C 57 C 4C 03 C 68 68 68 85 36 68 85 37 68 85 37 68 85 77 68 85 78	EIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$CE03</u> <u>JMP \$CE03</u> PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS FLA STA BASIC-ADDS/HI
C7EA C7EB C7ED C7F3 C7F4 C7F5 C7F5 C7F7 C7F8 C7F8 C7FB C7FB C7FD	2C A2 50 A2 5A 4C 57 C 4C 03 C 68 68 68 85 36 68 85 36 68 85 37 68 85 77 68	EIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$C357</u> <u>JMP \$CE03</u> "SYNTAX FRA" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI
C7EA C7EB C7ED C7F3 C7F4 C7F5 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8	2C R2 50 R2 5R 4C 57 C 4C 03 C 68 68 68 68 85 36 68 85 36 68 85 37 68 85 77 68 85 77 68 85 78 20 0E C 98 18	EIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$CE03</u> "SYNTAX FRA" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI JSR \$C80E DATA' TYA CLC
C7EA C7EB C7ED C7F0 C7F3 C7F4 C7F5 C7F7 C7F8 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8	2C R2 50 R2 5R 4C 57 C 4C 03 C 68 68 68 85 36 68 85 36 68 85 37 68 85 77 68 85 77 68 85 78 68 85 78 85 78 85 78 85 78 85 8 85 77 68 77 68 77 68 77 68 77 68 77 77	BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" JMP \$CE03 JMP \$CE03 SYNTAX FRA" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI JSR \$CS0E DATA' TYA CLC ADC BASIC-ADDS
C7EA C7EB C7ED C7F3 C7F3 C7F3 C7F5 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8	2C A2 50 A2 5A 4C 57 C 4C 03 C 68 68 68 85 36 68 85 37 68 85 77 68 85 78 68 85 78 68 85 78 68 85 78 68 85 78 68 98 18 5 77 65 77	BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" JMP \$CE03"SYNTAX FRA" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI JSR \$C80E DATA' TYA CLC ADC BASIC-ADDS STA BASIC-ADDS
C7EA C7EB C7ED C7F3 C7F3 C7F4 C7F5 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8	2C R2 50 R2 57 C 4C 93 C 4C 93 C 4C 93 C 68 85 36 68 85 37 68 85 37 68 85 37 68 85 37 68 77 85 85 77 85 98 77 90 18 77 90 26 78 78	EIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" <u>JMP \$CE03</u> "SYNTAX FRR" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI JSR \$C80E `DATA' TYA CLC ADC BASIC-ADDS BCC \$C80D INC BASIC-ADDS/HI
C7EA C7EB C7ED C7F3 C7F4 C7F5 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8	2C A2 50 A2 57 C1 4C 03 C1 68 68 36 68 36 36 68 36 37 68 37 68 68 37 68 68 77 85 68 77 85 98 77 98 18 77 92 98 78 69 60 78 60	B EIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" JMP \$CE03 SYNTAX FRR" PLA PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI STA BASIC-ADDS/HI STA BASIC-ADDS STA BASIC-ADDS STA BASIC-ADDS STA BASIC-ADDS STA BASIC-ADDS BCC \$C80D INC BASIC-ADDS/HI RTS
C7EA C7EB C7ED C7F3 C7F3 C7F4 C7F5 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8	2C A2 50 A2 57 C 4C 63 C 4C 63 C 68 65 36 68 36 36 68 36 37 68 37 68 65 77 68 85 78 C 98 85 77 98 85 77 98 77 90 98 77 90 98 77 90 90 78 69 62 78 69 63 77 90 90 78 69 60 78 60 72 3A 60 72 3A 60	BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" JMP \$CE03 "SYNTAX FRA" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI JSR \$C80E `DATA' TYA CLC ADC BASIC-ADDS STA BASIC-ADDS BCC \$C80D INC BASIC-ADDS/HI RTS LDX #\$3A SCAN FOR:
C7EA C7EB C7ED C7F0 C7F3 C7F3 C7F5 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8	2C A2 50 A2 57 C1 4C 03 C1 4C 03 C1 68 68 68 68 36 68 68 36 68 68 37 68 68 37 68 68 37 68 68 77 68 85 77 68 98 78 68 98 77 90 98 78 68 98 77 90 90 78 69 60 78 60 72 37 37	BIT \$5AA2 LDX #\$5A "UNDEF'D STATEMENT" JMP \$CE03 "SYNTAX FRA" PLA PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE# PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI JSR \$CS0E `DATA' TYA CLC ADC BASIC-ADDS STA BASIC-ADDS BCC \$CS0D INC BASIC-ADDS/HI RTS LDX #\$3A SCAN FOR: BIT \$00A2 NEXT STATEMENT.
C7EA C7EB C7ED C7F0 C7F3 C7F3 C7F5 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8 C7F8	2C A2 50 A2 57 C1 4C 63 C1 4C 63 C1 68 68 36 68 36 36 68 36 37 68 36 37 68 37 68 85 37 68 85 77 82 98 77 82 98 77 82 98 77 82 98 77 82 98 77 82 98 77 82 98 77 82 98 77 82 98 77 82 98 78 68 69 78 68 60 78 68 60 72 84 60 83 83	BIT \$SAA2 LDX #\$SA "UNDEF'D STATEMENT" JMP \$CE03" SYNTAX FRA" PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI STA BASIC-ADDS/HI STA BASIC-ADDS BCC \$C80D INC BASIC-ADDS/HI RTS LDX #\$3A LDX #\$3A LDX #\$00 STX \$03 STA \$03
C7EA C7EB C7ED C7F3 C7F4 C7F5 C7F7 C7F8 C7F7 C7F8 C7F8 C7F8 C7F8 C7F8	2C A2 50 A2 57 C 4C 93 C 4C 93 C 4C 93 C 68 68 36 68 36 36 68 36 37 68 36 37 68 36 37 68 36 37 68 36 37 68 36 37 68 36 37 68 37 36 98 77 80 98 77 80 98 77 80 65 77 80 62 38 77 90 84 77 62 78 60 72 80 72 72 90 72 72 90 72 72 90 72 72 90 72	BIT \$5AA2 LDX #\$5A "UNDEFD STATEMENT" JMP \$CE03"SYNTAX FR" PLA PLA PLA STA BASIC-LINE# PLA STA BASIC-LINE#+1 PLA STA BASIC-ADDS PLA STA BASIC-ADDS/HI JSR \$CS0E `DATA' TYA CLC ADC BASIC-ADDS STA BASIC-ADDS BCC \$CS0D INC BASIC-ADDS/HI RTS LDX #\$3A SCAN FOR: BIT \$00A2 NEXT STATEMENT. LDX #\$00 NEXT LINE

C819 C818	A5 04 A6 03		LDA LDX	\$Ø 3				
CS1D	85 03		STA	\$03				
CS1F	86 04		STX					
C821	B1 77		LDA)S), Y			
C823	F0 E8		BEQ					
CS25	C5 Ø4		CMP	\$04				
C827	FØ E4		BEQ	\$C30D				
C829	68		INY					
CS2A	C9 22		CMP	#\$22				
C82C	D0 F3		BNE	\$C821				
C82E	F0 E9		BEO	\$C819				
C830	20 9F		JSR	\$CC9F	1F1			
C833	20 76	00	JSR	\$0076				
C836	C9 89		CMP	#\$89 °0 ⊤0.	•			
C838	FØ 05		BEQ	\$C83F				
CSBA	A9 A7		LDA	#\$87 "TKEN"	-			
0283	20 FA	CD	JSR	\$CDFA				
C83F	A5 5E		LDA	ACC#1/E				
C841	DØ 05		BNE	\$C848				(
C843	20 11	CS	JSR	\$C811	'REM'			
C846	FØ BB		BEQ	\$C803				
C848	20 76	ଡଡ	JSR	\$0076				
CS48	BØ Ø3		BCS	\$C850				
C84D	4C AD	<u> </u>	JMP	\$C7AD				
<u>C850</u>	40 00		JMF					
C853	20 78	DE	JSR	\$D678	'ON'			
C856	48		PHA					
C857	C9 8D		CMF	#\$8D				
C859	FØ 04		E:EQ	\$C85F				
C85B	C9 89		CMF	#\$8 <u>9</u>				
CSSD	DØ 91		BNE	\$C7FØ				
C85F	C6 62			ACC#1/M4				
C861	D0 04			\$C867				
C863	68		PLA					
C864	40 02			\$C702				
C867	20 70	90	JSR	\$0070				1
C86A		CS	JSR	\$C873				(
C86D	C9 2C		CMP	#\$2C				
C86F	FØ EE		BEQ	\$C85F				
C871	68		FLA					
<u>C872</u>	60		RTS					
C873	A2 00		LDX		GET	CUNV	asca	TO INT.
C875	86 11		STX		FIXED-POINT			
C877	86 12		STX	FIXED-HI	NUMBER			
C879	80 F7			\$C872				
C87B	E9 2F			#\$2F	From			
C87D	85 03		STA		BASIC			
C87F	A5 12			FIXED-HI	Durance			
C881	85 1F			POINTER				
C883 0005	C9 19		CMP	#\$19				
C885	80 D4			\$C858				
C887 C088	A5 11		•					
C889 CC84	0A 25 4 5			A BOINTER				
C88A	26 1F			POINTER				
0880	0A			A				
CSSD Geset	26 1F			FOINTER				
CSSF	65-11		HOU	FIXED-LO				

•

C895 C897 C899 C898 C89D C89F C8A1 C8A3 C8A3 C8A5 C8A7 C8A7	65 12 85 12 86 11 26 12 A5 11 65 83 85 11 90 82 E6 12 20 70 80 40 79 C8	ADC FIXED-HI STA FIXED-HI ASL FIXED-LO ROL FIXED-HI LDA FIXED-LO ADC \$03 STA FIXED-LO BCC \$CSA7 INC FIXED-HI JSR \$0070 JMP \$CS79
CSAD	20 6D CF	JSR \$CF6D LET'
C880	85 46 84 47	STA V-PNTR 65' STY V-PNTR+1
C882 C884	84 47 A9 B2	LDA #\$B2
C886	20 FA CD	JSR \$CDFR
CSBS	A5 08	LDA INT-FLAG
CSBB	48	PHĀ
CSBC	A5 07	LDA STR-FLAG
CSBE	48	PHA
CSBF CSC2	20.9F CC 68	JSR \$CC9F PLA
C8C3	28	ROL A
CSC4	20 91 CC	JSR \$CC91
0807	D0 18	BNE \$C8E1
0809	68	
CSCA CSCC	10 12 20 27 DB	BPL \$CSDE JSR \$DB27
CSCF	20 27 DB 20 98 D0	JSR \$009A
C8D2	A0 00	LDY #\$00
CSD4	A5 61	LDA ACC#1/M3
CSD6	91 46	STA (V-PNTR),Y
CSDS	C8	
CSD9 CSDB	85 62 91 46	LDA ACC#1/M4 STA (V-PNTR),Y
CSDD	60 21 40	RTS
CSDE	4C DC DA	JMP \$DADC
C8E1	68	PLA STRING.
CBE2	FI4 47	LDY V-PNTR+1
CSE4 CSE6	CØ DE DØ 4F	CFY #\$DE
CSE8	20 80 D5	BNE \$C937 JSR \$D580 discard string if temp
CSEB	C9 06	CMP #\$06
CSED	DØ 40	BNE \$C92F
CSEF	AG 00	LDY #\$00
CSF1	84 5E	STY ACC#1/E
C8F3 C8F5	84 63 84 6E	STY ACC#1/S STY \$6E
C8F7	20 28 09	JSR \$C928
CSFA	20 EE D9	JSR \$D9EE
CSFD	E6 6E	INC \$6E
CSFF	A4 6E	
C901 C904	20 28 C9 20 18 DB	JSR \$C928 JSR \$DB18
C907	AA	TAX
0908	FØ 05	BEQ \$C90F
C90A	ES	INX
CHOR	8A	TXA
-		

C911 C912 C914 C916 C919 C910 C910 C915 C921 C923 C924 C926 C927	C8 C0 06 D0 DF 20 EE 20 A7 A2 02 78 60 95 60 CA F9 58 60	D9 DB	BNE JSR JSR LDX SEI LDA STA DEX	#\$06 \$C8F5 \$D9EE \$D8A7 #\$02 ACC#1/M2,X CLOCK,X \$C91F			
<u>C928</u>	E1 1F		LDA	(POINTER),	Ŷ	ADD	A
C92A C92D	20 7D 90 03	ษษ	JSK BCC	\$007D \$C932	-(Ascıı)	
C92F		D1		\$0123 "ILLECAL	QTY "	DICIT	Γ
<u>C932</u>	E9 2F		SBC			70	Acc#1
<u>C934</u>	<u>4C 8A</u>	DC	JMP	\$DCSA			
C937	AØ 02		LDY				LET,
C333	B1 61			(ACC#1/M3)			CONTINUED
C938	C5 31 90 17		CMP BCC	STRING-LO+: \$C956	1		
C93D C93F	90 17 D0 07		BNE	≉C948			
C941	88		DEY	+02/40			
C942	B1 61			(ACC#1/M3)	, Y		
C944	C5 30		CMP	STRING-LO			
C946	90 OE		BCC	\$C956			
C948	A4 62		LDY	ACC#1./M4			
C948	C4 2B			END-BASIC+:	1		
C94C	90 08 D0 00		ECC	\$C956			
C94E C950	D0 0D A5 61		ENE LDA	\$C95D ACC#1/M3			
C952	C5 2A		CMP	END-BASIC			
C954	BØ 07			\$C95D			
C956	A5 61			ACC#1./M3			
C958	R4 62		LDY	ACC#1/M4			
C95A	40 73	<u>C9</u>		<u>\$C973</u>			
C95D	A0 00		LDY	#\$00			
C95F	B1 61			(ACC#1/M3),	, Υ		
C961 C964	20 4F 85 4D	ک ت	LDA	\$D34F			
C966	R4 4E						
C968	85 60			SGN-COMPR			
C968	84 6D			ROUND			
0960	20 54	D5	JSR	\$D554			
C96F	A9 5E			#\$5E			
C971	A0 00			#\$00			
C973	85 4D		STA				
C975 C977	84 4E 20 85	D5	STY	\$45 \$D585			
C97A	20 BJ A0 00			##00			
C97C	B1 4D		LDA	(\$4D), Y			
C97E	91 46		STA	(V-PNTR>, Y			
0980	C3		INT				
C981	E:1 4D			<\$4D>,Y			
C983	91 46		STR	(V-PNTR), Y			
0985	08		INT				
	r + + r .		1 5.54	ረቋቋቡን, ሦ			

	60	RTS	
<u>C988</u>	20 91 09		PRINT# 1
	4C B7 CF		
<u>C98E</u> C991	20 78 De	the second s	'CMD'
C994	FØ 05	BEQ \$C998	
C996	A9 20	LDA #\$20	
C338	20 FA C		
C998	08	PHP	
C99C	20 C9 FF		
C99F	86 ØE	STX \$0E	
C99F C9A1	28	PLP	
C982	4C AB CS	••	
C985	20 1F CF		
C988	20 76 00		'PRINT'
CSAB	FØ 35	BEQ \$C9E2	
CSAD	FØ 35	BEQ \$C9EE	
C9AF	C9 A3	CMP #\$A3	"TAB ("
C9B1	FØ 49	BEQ \$C9FC	
C983	C9 A6	CMP #\$86	NC N 4 4 4
C985	18		"SPC("
C986	FØ 44	BEQ \$C9FC	
C988	C9 2C	CMP #\$2C	` , ''
C988	FØ 33	BEQ \$C9EF	3
C98C	C9 38	CMP #\$38	* • *
C9BE	C9 38 FØ 51	BEQ \$C811	>
C9C0	20 9F CC		
C9C3	20 F CC 24 07	BIT STR-FI	90
C9C5	24 07 30 DE		
C9C7	20 E9 DC 20 61 D3		
COCA			
COCD	20 1F CA		
C9D0	20 39 CA		
C9D3	DØ D3.	BNE \$C988	
C9D5	A9 00	LDA #\$00	
C9D7	9D 00 02		X
CSDA	A2 FF	LDX #\$FF	
C9DC	AØ 01	LDY #\$01	
C9DE	85 ØE	LDA \$0E	
C9EØ	D0 0C	BNE \$C9EE	
C9E2	A9 0D	LDA #\$0D	(CR)
C9E4	20 45 CA		<lf></lf>
C9E7	A9 0A	LDA #\$0A	
CSES	20 45 CA		
C9EC C9EE	49 FF	EOR #\$FF	
C9EF	<u>60</u> A5 C6		
C9EF C9F1	A5 C6 38	LDA CURSOF	-COL
C9F1 C9F2	20 E9 0A	SEC	
C9F2 C9F4		SBC #\$0A	
C9F4 C9F6	80 FC 49 FF	BCS \$C9F2	
C9F8		EOR #\$FF	
C9F8 C9FA	69 01 D0 10	ADC #\$01	
C9FH C9FC	D0 10 08	BNE \$CAOC	
C9FD		PHP.	
CAGO	20 75 D6 C9 29		
CA02	C9 29 D0 5D	CMP #\$29 ENE \$0951	
		BNE \$CA61	
CA04	28	PLP	
CA05	90 06 00	800 \$CA0D	
CA07	SA 	TXA	
-			

CAOA	90 05		E:C:C	\$CA11			
CAOC	ĀA		TAX				
CAOD	ES		INX				
CHOE	CA		DEX				
CAØF	D0 06		ENE				
CA11	20 70		JSR				
CA14		<u> </u>	JMF				
CR17		CA	JSR BNE				
<u>CA1A</u> CA1C	DØ F2 20 61	<u>D3</u>	JSR			79	
CA1C	20 80		JSR			PRINT	CHARACTER -
CA22	AA		TAX			STRING	TO SCREEN.
CA23	A0 00			#\$00		FROM	
CA25	ES		INX				
CA26	CA		DEX			(Y, A)	
CA27	FØ C5		BEQ	\$C9EE			
CA29	81 1F		LDA	(FOIN	TER>>	Y	
CA2B	20 45	CA	JSR	\$CA45			
CA2E	C8		INY				
CR2F	C9 0D			#\$0D			
CA31	DØ F3	~~	BNE	\$CA26			
CA33 CA34	20 EC 40 26		JSR JMP				
<u>CA36</u> CA39	A5 0E		LDA				
CABB	F0 03		BEQ				
CA3D	A9 20			# \$20	SPACE	••	
CA3F	2C 89	1D	BIT		•		
	11	/					
CA40	A9 10		LDA	#\$1D	"CURSO	R.RIGHT"	
CA42	2C_R9_3	₿F	EIT	\$3FA9			
CA43	A9 3F		LDA		·? ··		
CA45	24 ØD		BIT				
CA47	30 03		BMI				
CA49	20 D2 F	- 1-		\$FFD2	OUTPUT		
CA4C CA4E	29 FF 60		RTS	#\$FF			
CA4E CA4F	A5 08			\$ØB	· · · ·	11.0.10.7	
CA51	FØ 11			\$CA64	INPUT?	HANDLE	
CASS	30 04		EMI		•		
CASS	AØ FF			#\$FF	NO, 'CET		
C857	DØ 04			\$C85D	·	-	
CR59	A5 3C		LDA	DATA-L	INE#	DATA	
CASE	A4 3D		LDY	DATA-L	INE#-	+1	
CASD	85 36			BASIC-			
CASE	84 37			BASIC-			
CR61	40 03 0	CE		\$CE03	ти Y 2''	AT ERROR"	
CA64 Cocc	85 ØE		LDA.				
CA66 CA68	FØ 05			\$CA6D	*5115	DATA ERROF"	
CA68	A2 BF 40 57 0	- ,		#\$8F \$C357	FILL	Shin Cherry	
CASD	<u>40 07 0</u> 89 00			<u>≉0.507</u> #≇0D			
CA6F	HD 00 A0 CC			#\$00 #\$CC	"REDO	FROM START"	
CA71	20 10 (:A		##00 \$CA10			
CA74	A5 3A			PCOMD			
CA76	R4 38			PCOMD+	-1		
CA78	85 77			BASIC-			
CATA	84 78			BASIC-		'HI	
CATC	69		FITS				
· · · · · · · · · · · · · · · · · · ·		-,	т. — г. .	+		10571	

CASO	C9 23	CMP #\$23 *#"	
CA82	DØ 10	BNE ≢CA94	
CA84	20 70 00	JSR \$0070	
CA87	20 78 D6	JSR \$D678	
CASA	A9 20	LDA #\$20 ","	
	20.FA CD	JSR #CDFA	
CASC		JSR \$FFC6	
CASF		STX \$0E	
CR92	86 ØE	LDX #\$01	
CR94	A2 01		
CA96	A0 02		
CA98	A9 00	LDA #\$00	
CASA	8D 01 02	STA \$0201	
CA9D	A9 40	LDA #\$40	
CASE	20 10 CB	JSR \$C810	
CAA2	A6 0E	LDX \$0E	
CAA4	DØ 13	BNE \$CAB9	
CAAS	60	RTS	
CAA7	20 78 D6	JSR \$D678	`INPUT#'
CRAA	A9 20	LDA #\$2C	
CAAC	20 FA CD	JSR \$CDFA	
CAAF	20 C6 FF	JSR \$FFC6	
CAB2	86 ØE	STX \$ØE	
CAB4	20 D2 CA	JSR \$CAD2	
CAE7	A5 0E	LDA \$0E	
CABS	20 CC FF	JSR \$FFCC	
CREC	A2 00	LDX #\$00	
CABE	86 ØE	STX \$0E	
CACO	60 60	RTS	
CAC1 CAC3	46 0D C9 22	CMP #\$22	INPut'
CAC5	D0 08		
CAC7	20 88 CD	JSR \$CDB8	
CACA	A9 38	LDA #\$38 ;	
CACC	20 FA CD	JSR \$CDFA	
CACF	20 1F CA	JSR \$CA1F	
CAD2	20 80 D2	JSR \$D280	
CAD5	R9 2C	LDA #\$20	
CAD7	SD FF 01	STA \$01FF	
CADA	20 FA CA	JSR \$CAFA	
CADD	85 ØE	LDA \$0E	
CADE	FØ ØC	BEQ \$CAED	
CRE1	A5 96	LDA ST	
CRE3	29 02	AND #\$02	
CAES	F0 06	EEQ \$CRED	
CAE7	20 B7 CA	JSR \$CAB7	
CREA	40 00 08	JMP <u>\$C900</u>	
CHED	AD 00 02	LDA \$0200	
CAFØ	DØ 1C	ENE \$CEGE	
CAF2	A5 0E	LDA \$0E	
CRF4	DØ E4	ENE \$CADA	
CAF6	18	CLC	
CAF7	40 51 07	JMP \$C751	
CAFA	A5 0E	LDA \$0E	PROMPT
CAFC	DØ 06	EDA \$000 BNE \$C804	AND
CAFE	20 43 CA	JSR \$CA43	
CB01	20 43 CH	JSR \$CA39	RECEIVE
CE01 CE04	4C 6F C4	JMP \$C46F	INPUT
0804		LDX DATA-ADDS	
			`READ'
CERD	84 3F	LDY DATA-ADDS+1	
	514 CC	1 内容 非生气度	

CEØD	2C A9 00	BIT \$00A9
CEØE	A9 00	LDA #\$00
CE:10	85 0B	STA \$08
CE12	86 40	STX INPUT-VEC
CE14	84 41 20 6D CF	STY INPUT-VEC+1 JSR \$CF6D
CB16	20 6D CF 85 46	STA V-PNTR
CB19 CB18	84 47	STY V-PNTR+1
CB1D	A5 77	LDA BASIC-ADDS
CB1F	A4 78	LDY BASIC-ADDS/HI
CB21	85 48	STA OP-PTR
CB23	84 49	STY OP-PTR+1
CB25	A6 40	LDX INFUT-VEC
CE27	A4 41	LDY INPUT-VEC+1 STX BASIC-ADDS
C829 C828	86 77 84 78	STX BASIC-ADDS STY BASIC-ADDS/HI
CE2D	20 76 00	JSR \$0076
CE30	DØ 20	BNE \$CB52
CB32	24 ØB	BIT \$ØB
CB34	50 0C	BVC \$CB42
CB36	20 E4 FF	JSR \$FFE4
CB39	8D 00 02	STA \$0200
CB3C	A2 FF	
CB3E CB40	A0 01 D0 0C	LDY #\$01 BNE \$CB4E
CB42	30 75	EMI \$CBE9
CE:44	A5 0E	LDA \$0E
CB46	DØ 03	BNE ≄CB4B
CB48	20 43 CA	JSR \$CA43
CB4B	20 FA CA	JSR \$CAFA STX BASIC-ADDS
CB4E CB50	86 77 84 78	STX BASIC-ADDS STY BASIC-ADDS/HI
CB52	20 70 00	JSR \$0070
CB55	24 07	BIT STR-FLAG
C857	10 31	BPL \$CB8A
CB59	24 ØB	BIT \$ØB
CB5B	50 09	BVC \$CB66
CB5D CB5E	E8 86 77	INX STX BASIC-ADDS
CB60	A9 00	LDA #\$00
CB62	85 03	STA \$03
CB64	F0 0C	<u>BEQ \$CB72</u>
CB66	85 03	STA \$03
CB68 CB6A	C9 22 F0 07	CMP #\$22 BEQ \$CB73
CB6C	A9 3A	LDA #\$3A
CESE	85 03	STA \$03
CB70	A9 2C	LDA #\$20
CB72	18	CLC
CB73	85 04	STA \$04
CB75 CB77	A5 77 A4 78	LDA BASIC-ADDS LDY BASIC-ADDS/HI
CB79	69 00	ADC #\$00
CB7B	90 01	BCC \$CB7E
CB7D	C8	I MY
CB7E	20 67 D3	JSR \$D367
CE91	20 BD D6	JSR ⊈D6BD
CE:84 65:87	20 E2 C8 40 92 CB	JSR \$C8E2 JMP \$C892
 The C 	<u> 에이 코르 이타</u>	000F 402E22

CESA	20 FF DB	JSR \$D8FF
CESD	A5 08	LDA INT-FLAG
CESF	20 CA C8	JSR \$C8CA
CE92	20 76 00	JSR \$0076
CE95	F0 07	BEQ \$CB9E
CE97	C9 2C	
	F0 03	BEQ SCB9E
CE99		
CB3B	4C 4F CA	
CB9E	R5 77	LDA BASIC-ADDS
CEAØ	A4 78	LDY BASIC-ADDS/HI
CEA2	85 40	STA INPUT-VEC
CE:A4	S4 41	STY INPUT-YEC+1
CEA6	A5 48	LDA OP-PTR
CEAS	A4 49	LDY OP-PTR+1
CEAA	85 77	STA BASIC-ADDS
CEAC	84 78	STY BASIC-ADDS/HI
CERE	20 76 00	JSR \$0076
CBB1	FØ 2C	BEQ \$CBDF
CBB3	20 F8 CD	JSR \$CDF8
CBB6	4C 16 CB	JMP \$CB16
CBB9	20 0E C8	JSR \$C80E
CBBC	C3	INY
CBBD	88	TAX
CBBE	DØ 12	BNE \$CBD2
CBCØ	R2 28	LDX #\$28
		INY
CBC2		
CBC3	B1 77	LDA (BASIC-ADDS),Y
CBC5	F0 6D	BEQ \$CC34
CBC7	C8	INY
CBCS	B1 77	LDA (BASIC-ADDS),Y
CBCA	85 30	STA DATA-LINE#
CECC	CS	INY
CBCD	B1 77	LDA (BASIC-ADDS),Y
CECF	C8	INY
CEDØ	85 3D	STA DATA-LINE#+1
CED2	B1 77	LDA (BASIC-ADDS),Y
CBD4	AA .	TAX
CED5	20 03 C8	JSR \$C803
CEDS	E0 83	CPX #\$83
CEDA	DØ DD	BNE \$C889
CBDC	4C 52 CB	JMP \$C852
CBDF	H5 40	LDA INPUT-VEC
CEE1	FI4 41	LDY INPUT-VEC+1
CBEB	A6 08	LDX \$ØB
CBE5	10 03	BPL \$CBEA
CBE7	4C 38 C7	JMP \$C73A
CBEA	80 00	LDY #\$00
CEEC	B1 40	LDA (INPUT-VEC), Y
CEEE	FØ ØB	BEQ \$CBFB
CBFØ	A5 0E	
CBF2	D0 07	ENE \$CBFB
CBF4	89 FC	
		LDA ##FC "EXTRA ICHORED"
CBF6	A0 CB	LDY #\$CB
CBF8	<u>4C 1C CA</u>	JMP <u>¢CA1C</u>
CEFE	ତ୍ୟ	RTS

CBFC ?EXTRA IGNORED CCOC ?REDO FROM STAR CC1C T P MO F

CC20 D0 04	ENE \$CC26 NEXT'
CC22 A0 00	
CC24 F0 03	BEQ \$0029 CET VARIABLE NAME
CC26 20 6D CF	JSR \$CF6D
CC29 85 46	STA V-PNTR
CC2B 84 47	STY V-PNTR+1
CC2D 20 AA C2	JSR \$C2AA SEARCH STACK
CC30 F0 04	BEQ ⊈CC36
CC32 A2 00	LDX #\$00
CC34 F0 66	BER \$CC9C_
CC36 98	TXS ABORT INNER LOOPS
CC37 8A	TXA
CC38 18	CLC
CC39 69 04	ADC #\$04
CC38 48	PHA
CC3C 69 06	ADC #≢06
CC3E 85 21	STA \$21
CC40 68	PLA
CC41 A0 01	LDY #\$01
CC43 20 AE DA	JSR \$DAAE - Ace#1
CC46 BA	TSX
CC47 BD 09 01	LDA \$0109,X
CC4A 85 63	STA ACC#1/S
CC4C 85 46	LDA V-PNTR
CC4E A4 47	LDY V-PNTR+1
CC50 2073 D7	JSR \$D773 ADD
CC53 20 DC DA	JSR \$DADC
CC56 A0 01	LDY #\$01
CC58 20 69 DB	JSR \$DE69 COMPART
CC5B BA	TSX
CC5C 38	SEC
CC5D FD 09 01	SBC \$0109, X
CC60 F0 17	BEQ \$CC79
CC62 BD 0F 01	LDA \$010F,X
CC65 85 36	STA BASIC-LINE#
CC67 BD 10 01	LDA \$0110,X
CC6A 85 37	STA BASIC-LINE#+1
CC6C BD 12 01	LDA \$0112,X
CC6F 85 77	STA BASIC-ADDS
CC71 BD 11 01	LDA \$0111,X
CC74 85 78 CC76 4C C4 C6	STA BASIC-ADDS/HI
<u> </u>	JMP \$C6C4 TXA Type
CC78 69 11	
CC7C AA	ADC #\$11 MISMATCH?
CC7D 9A	TXS
CC7E 20 76 00	IAS JSR \$0076
CC81 C9 2C	CMP ##20 ""
CC33 DØ F1	BNE \$CC76
CC85 20 70 00	JSR \$0070
CC88 20 26 CC	JSR \$CC26
CC88 20 9F CC	JSR ≇CC9F
CC8E 18	CLC
CC8F 24 38	BIT PLINE#
//	
6620	SEC
0091 24 07	BIT STR-FLAG
0093 30 03	BMI \$0098
CC95 80 03	BCS #CC9A
	ETT.

0098 0098 <u>0090</u>	BØ FD A2 A3 4 <u>C 57 C3</u>	BCS \$CC97 LDX #\$A3 "TYPE MISNATCH" JMP \$C357	
CC9F	A6 77	LDX BASIC-ADDS EVALUATE	
CCA1	DØ Ø2 C6 78	ENE CCAS DEC EASIC-ADDS/HI EXPRESSION	
CCA3 CCA5	C6 77	DEC BASIC-ADDS	
CCA7	A2 00	LDX #\$00	
CCA9	24 48	BIT OP-PTR	
CCA9 CCA8 CCA0 CCA0 CCA0 CCA7 CC82 CC85 CC85 CC87 CC89 CC80 CC80 CC80 CC80 CC80 CC80 CC80	24 48 48 8A 48 A9 01 20 1B C3 20 84 CD A9 00 85 4A 20 76 00 38 E9 B1 90 17 C9 03 E0 13 C9 01 2A	BIT OF FIX PHA TXA PHA LDA #\$01 JSR \$C31B \$TACK TOO DEEP? JSR \$CD84 LDA #\$00 STA \$4A JSR \$0076 SEC SBC #\$B1 BCC \$CCD8 CMF #\$03 BCS \$CCD8 1 2 3 4 5 6 CMF #\$01 > = >: < <> <=	
0008	49 01	EOR #\$01	
CCCA	45 48 C5 48	EOR \$4A CMP \$4A	
CCCC CCCE	90 61	BCC \$CD31	
CCDØ	85 4A	STA \$4A	
CCD2	20 70 00	JSR \$0070	
CCD5	4C BC CC	JMP \$CCBC	
CCD8 CCDA	A6 4A D0 2C	LDX \$48 BNE \$CD08	
CCDC	BØ 7B	BCS \$CD59	
CCDE	69 07	ADC #\$07	
CCEØ	90 77	BCC \$CD59	
CCE2 CCE4	65 07 D0 03	ADC STR-FLAG BNE ≰CCE9	
CCE6	4C 17 D5	JMP \$0517	
CCES	69 FF	ADC #\$FF	
CCEB	85 1F	STA POINTER	
CCED CCEE	0A 65 1F	ASL A ADC POINTER	
CCF0	A8	TAY	
CCF1	68	PLA	
CCF2 CCF5	D9 74 C0 80 67	CMP \$0074,Y 505 #0055	
CCF5 CCF7	20 SE CC	BCS ≉CD5E JSR ≉CC8E	
CCFA	48	PHA	
CCFE	20 21 CD	JSR ≉CD21	
CCFE CCFF	68 A4 48	PLA LDY OP-PTR	
CD01	10 17	BPL \$CD1A	
CDØB	AA	TAX	
0004	FØ 56	BEQ \$CD5C	
CDOE	00 5F 35 67	BNE \$CD67	
1 . 1 4 1 1	1 6	I SP STR-FLAG	

CD0B 28 CD0C A6 77 CD0E D0 02 CD10 C6 78 CD12 C6 77 CD14 A0 18 CD16 85 4A CD18 D0 D7 CD18 D9 74 C0 CD1D B0 48	ROL A LDX BASIC-ADDS BNE #CD12 DEC BASIC-ADDS/HI DEC BASIC-ADDS/HI DEC BASIC-ADDS LDY #\$18 STA \$4A BNE \$CCF1 CMP \$C074, Y BCS \$CD67
CD1F <u>90 D9</u>	BCC \$CCFA
CD21 B9 76 C0	
CD24 48 CD25 89 75 C0	
CD28 48	
CD29 20 34 CD	JSR \$CD34 Stack
CD2C A5 4A	LDA \$4A
CD2E <u>4C AA CC</u>	JMP SCCAA - & CCFE return
CD31 40 03 CE CD34 85 63	JMP SCEQ3 "SYNTAX ERE"
CD34 H3 63 CD36 BE 74 CØ	LDA \$CO74, Y
CD39 AS	
CD38 68	PLA
CD38 85 1F	STA POINTER
CD3D E6 1F	INC POINTER
CD3F 68 CD40 85 20	PLA STA POINTER-HI
CD42 98	TUA
CD43 48	FHA HIERARCHY
CD44 20 27 DB	JSR \$DB27
CD47 85 62	LDA ACC#1/M4
CD49 48	PHA Push
CD48 85 61	
CD4C 48 CD4D 85 60	FHR CH1/M2 To
CD4F 48	PHA STACK
CD50 85 5F	LDA ACC#1./M1
CD52 48	PHA
CD53 A5 5E	LDA ACC#1/E
CD55 48 CD56 6C 1F 00	PHA JMP (\$001F)
CD59 A0 FF	LDY ##FF PERFORM STACKED OPERATION
CD58 68	PLA PERFORM STACKED OPERATION
CD5C FØ 23	BEQ \$CD81
CD5E C9 64	CMP #\$64
CD60 F0 03	BEQ \$CD65
CD62 20 8E CC CD65 84 48	JSR \$CC8E STY OP-PTR SAVE NEW OPERATOR
CD67 68	PL A
CDES 4A	LSR A COMPARISON FLAG
CD69 85 0C	STA \$0C
CD68 68	
CD6C 85 66 CD6E 68	STA ACC#2/E
CD6E 68 CD6F 85 67	PLA STA ACC#2/M1
CD71 68	PLA
CD72 85 68	STA ACC#2/M2
CD74 68	FLA
0075 85 69	STA ACC#2/M2

CD7S	85 6A	STA AC	C#2/M4
	68	PLA	
CD7A	85 6B	STA AC	C#2/5
CD7B	45 63		C#1/5
CD7D	85 6C		
CD7F	85 5E		
CD81	60	RTS	GO DIRECTLY TO OPERATOR
CD83		LDA #\$	
CD84		STA ST	
CDS6			
CDSS	20 70 00	JSR \$0	
CDSB	60 03	BCS \$C	
CDSD	4C FF DB		3FF
CD90	20 F7 CF	JSR \$C	
CD93	80 7A	BCS \$C	
CD95	C9 FF	CMP #\$I	
CD97	D0 0F	BNE \$C	
CD99	A9 A3	LDA #\$	73
CD9B	A0 CD	LDY #\$1	CD
CD9D	20 AE DA	JSR \$DI	RE
CDRØ	40 70 00	JMP \$0	370
	-		
CDA3	82 49 ØF	DR R1 - 69	$\frac{2E}{R}\pi$
CDAS	C9 2E	CMP #\$	2E •
CDAA	FØ E1	BEQ \$C	
CDAC	C9 AB	CMF #\$1	
CDRE	FØ 58	BEQ \$C	
CDBØ	C9 AA	CMP #\$1	
CDB2	FØ D4	BEQ \$C	
			••
CDB4			<u>i 4 i 1 i 1 i 1 i 1 i 1 i 1 i 1 i 1 i 1 </u>
CDB6	DØ ØF	ENE C	
CDBS	A5 77		SIC-ADDS CET STRING
CDBA	R4 78		SIC-ADDS/HI FROM BASIC
CDEC	69 00	ADC #\$€	10
CDBE	90 01	BCC \$C	
CDCØ	C8	INY	
CDC1	20 61 D3	JSR \$D	
CDC4	4C BD D6	JMP_\$D€	
CDC7	C9 A8	CMP #\$6	18
CDC9	DØ 13	BNE \$C[DE
CDCB	AØ 18	LDY #\$1	.8
CDCD _	DØ 38	BNE \$CE	ØR
CDCF	20 9A D0	JSR \$D0	•
CDD2	A5 62	LDA ACC	:#1./M4
CDD4	49 FF	EOR #\$F	F
CDD6	AS	TAY	
CDD7	A5 61		#1/M3
	49 FF	EOR ##F	
CDDB	4C 6D D2	JMP \$D2	
-	C9 A5	CMF #≴F	
	DØ 03	ENE \$CD	
	40 CE D2	JMP \$D2	CE
	C9 84		
	90 03	BCC \$C	
	4C 89 CE	JMP \$CE	00
_	20 F5 CD	JSR \$CD	
CDEF	20 9F CC	JSR \$CC	
	20 3F CC A9 29	LDA ##2	
			•
CDF4	20,89,28,	BIT \$28	

	1 /	
CDF5	A9 28	LDA #\$28 ("
CDF7	2C A9 2C	BIT \$2CA9
	111	
CDER	A9 20	LDA #\$20 ")
CDFS	A0 00	LDY #\$00
CDFA	D1 77	CMP (BRSIC-ADDS), Y
CDFC		ENE \$CE03
CDFE		
CEOO	40 70 00	JMP \$0070
CE03	H2 10	LDX #\$10 "SYNTAX ERROR"
<u>CE05</u>	40 57 03	JMF \$C357
CE08	AØ 15	LDY #\$15
CEØA	68	PLA
CEØB	68	PLA
CEOC	40 FB CC ·	JMF SCCFB
CEØF	20 6D CF	JSR SCFOD SEARCH
CE12	85 61	
CE14	84 62	STY ACC#1. M4 FOR
CE16	A5 42	LDA V-NAME VARIABLE
CE18	A4 43	LDY V-NAME+1
CE1A	A6 07	LDX STR-FLAG
CE1C	FØ 25	BEQ \$CE43
CE1E	A2 00	LDX #\$00
CE20	86 6D	STX ROUND
CE22	24 62	BIT ACC#1./M4
CE24	10 10	BPL \$CE42
CE26	C9 54	CMP #\$54 "T"
CE28	DØ 18	BNE \$CE42
CE2A	C0 C9	CPY #\$C9 "I\$
CE2C	DØ 14	BNE \$CE42
CE2E	20 69 CE	JSR \$CE69
CE31	84 5B	STY \$58
CE33	88	
CE34	84 6E	STY \$6E
CE36	A0 06	LDY #\$06
CE38	84 5A	STY \$5A
CE3A	RØ 24	LDY #\$24
CE3C	20 74 DD	JSR \$DD74
CE3F	<u>4C 49 D3</u>	<u>JMP \$D349</u>
CE42	60	RTS
CE43	A6 08	LDX INT-FLAG
CE45	10 0D	BPL \$CE54
CE47	A0 00	LDY #\$00
CE49	B1 61	LDA (ACC#1/M3),Y
CE4B	AA	TAX
CE4C	CS	INY
CE4D	E1 61	LDA (ACC#1/M3),Y
CE4F	AS	TAY
CESØ	8A	TXA
	40 60 D2	JMP \$D26D
CE54	24 62	BIT ACC#1/M4
CESS	10 2A	BPL \$CE82
CE58	C9 54	CMP #\$54 "T"
CESA	DØ 19	ENE \$CE75
CESC	CØ 49	CPY #\$49 "I"
CESE	DØ 22	BNE \$CE82
CEGE	20 69 CE	JSR \$CE69
CE63	20 03 CE	
CE64	70 A2 A0	TY8 1.59 ##800
	to so no	LDX 井宇白の TMF 生わららら
• • •	Line and the second	

CE68	A0 00	LDY #\$00
CE6D	78	SEI
CE6E-		JSR ≄DAAE
	58	CLI
CE71	84 5F	STY ACC#1/M1
CE72		
CE74	60	<u>RTS</u>
CE75	C9 53	CMP #\$53 "S"
CE77	D0 09	ENE \$CES2
CE79	CØ 54	CPY #\$54 "T"
CE7B	D0 05	BNE \$CE82
	A5 96	LDA ST
CE7D		
CE7F	4C 48 DB	
CE82	A5 61	LDA ACC#1/M3
CES4	A4 62	LDY ACC#1/M4
CE86	4C AE DA	JMP \$DAAE
CE89	0A	ASL A SET UD
CESA	48	PHA SET UP
		TAX FUNCTION
CESB	AA AA	
CESC	20 70 00	JSR \$0070 REFERENCES
CESF	EØ SF	CPX #\$8F LEFT\$, RICHT\$, NID\$?
CE91	90 20	BCC \$CEB3
CE93	20 F5 CD	JSR \$CDF5 ⁻("
CE96	20 9F CC	JSR \$CC9F
CE99	20 F8 CD	JSR \$CDF8 ","
		•
CE9C	20 90 CC	JSR \$CC90
CE9F	68	PLA
CEAØ	AA	TAX
CEA1	A5 62	LDA ACC#1/M4
CEA3	48	PHA
CEA4	A5 61	LDA ACC#1/M3
CEA6		PHA
•	48	
CEA7	8A	TXA
CEAS	48	PHA
CEAS	20 78 D6	JSR \$D678
CEAC	68	FLA
CERD	AS	, TAY
CERE	SA	TXA
	48	PHA
CEAF		
CEEØ	4C 88 CE	JMP \$CEB8
CEB3	20 EC CD	JSR SCOEL EVALUATE FUNCTION
CEB6	68	PLA ARCUMENT
CEB7	AS	ТАЧ
CEBS	89 DE BF	LDA \$BFDE,Y
CEBB	85 52	STA \$52
CEBD	B9 DF BF	LDA \$BFDF,Y
CECØ	85 53	STA \$53
CEC2	20 51 00	JSR \$0051
<u>CEC5</u>	4C SE CC	JMP \$CC8E
CECS	AØ FF	LDY #FF OR
CECA	2C AØ ØØ	BIT \$00A0
	111	
CECB	A0 00	LDY #\$00 'AND'
CECD	84 05	STY N-SUBSCR
CECF	20 9A D0	JSR ⊈D09A
CED2	A5 61	LDA ACC#1/M3
CED4	45 05	EOR N-SUBSCR
CED6	85 03	STA \$03
CEDS	A5 62	LDA ACC#1/M4
	45 05	EOR N-SUBSCR
י דין ד		

CEE6 CEE8 CEEA CEEC CEED CEEF CEF1	20 08 DB 20 9A D0 A5 62 45 05 25 04 45 05 A8 A5 61 45 05 25 03 45 05 45 05 45 65	JSR \$DB08 JSR \$D09A LDA ACC#1/M4 EOR N-SUBSCR AND \$04. EOR N-SUBSCR TAY LDA ACC#1/M3 EOR N-SUBSCR AND \$03 EOR N-SUBSCR JMP \$D26D
CEF8 CEFB CEFD CEFF CF01 CF02 CF05 CF05 CF09 CF00 CF00 CF00 CF00 CF00	20 91 CC B0 13 A5 6B 09 7F 25 67 85 67 A9 66 A0 00 20 67 DB AA 4C 43 CF A9 00	JSR \$CC91 COMPARE BCS \$CF10 LDA ACC#2/S ORA #\$7F AND ACC#2/M1 STA ACC#2/M1 LDA #\$66 LDY #\$00 JSR \$DB67 TAX JMP \$CF43 LDA #\$00 STRING
CF12 CF14 CF16 CF19 CF18 CF10 CF17 CF21 CF23 CF28 CF28 CF28 CF28 CF28	85 07 C6 4A 20 80 D5 85 5E 86 5F 84 60 A5 69 A4 6A 20 84 D5 86 69 84 6A AA 38	STA STR-FLAG COMPARE DEC \$4A JSR \$D580 STA ACC#1/E STX ACC#1/M1 STY ACC#1/M2 LDA ACC#2/M3 LDY ACC#2/M4 JSR \$D584 STX ACC#2/M3 STY ACC#2/M3 STY ACC#2/M4 TAX SEC
CF2C CF2E CF32 CF34 CF34 CF36 CF36 CF36 CF36 CF36 CF36 CF36 CF37 CF34	E5 5E F0 08 A9 01 90 04 A6 5E A9 FF 85 63 A0 FF E8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8 C8	SBC ACC#1/E BEQ \$CF38 LDA #\$01 BCC \$CF38 LDX ACC#1/E LDA #\$FF STA ACC#1/S LDY #\$FF INX INY DEX BNE \$CF48 LDX ACC#1/S
CF41 CF43 CF45 CF46 CF46 CF48 CF48 CF48 CF40 CF40 CF40 CF50 CF50	H6 63 30 0F 18 90 0C 81 69 01 5F F0 EF A2 FF 80 02 A2 91	EDX ACC#1/5 BMI \$CF54 CLC BCC \$CF54 LDA (ACC#2/M3),Y CMP (ACC#1/M1),Y BEQ \$CF3D LDX #\$FF BCS \$CF54 LDX #\$01

F36 2A ROL A ROL A ROL SUC CompArison Fine F57 25 0C AND \$0C CompArison Fine Factor F59 F0 02 EEG \$CF50 TAur F58 A9 FF LDA #\$FF Faust F50 20 F8 CD JSR \$CDF8 F64 20 F8 CD JSR \$0076 F67 20 76 00 JSR \$0076 PDIM' F66 20 76 00 JSR \$0076 FFF F60 A2 00 LDX #\$00 CF7 F60 A2 00 LDX #\$0076 GF7 F72 86 06 STX DIM-FL VARIABLE F74 85 42 STR V-NAME LOCATION F76 80 76 GE7 ALDMA? F74 85 42 STR V-NAME LOCATION F75 86 07 STX STR-FLAG STATATA F77 80 03 SCS \$CF81 STATAX F77 40 0 JSR \$0070 STATATA F81 A2 00 JSR \$0070 STATATA F82 00 78 BCC \$CF92 <t< th=""><th>SCEE</th><th>SA</th><th></th><th>TXA</th><th></th><th></th><th></th></t<>	SCEE	SA		TXA			
FS7 25 GC AND \$GC CompARAise Fixe FS9 F6 G2 EGG \$CF5D TAUE FSB A9 FF LDA ##FF FALSE FG0 20 F8 CD JSR *CDF8 FG1 AA TAX `DIM' F64 20 76 00 JSR \$C0076 F67 20 76 00 JSR \$C0076 F67 20 76 00 JSR \$0076 F72 26 66 STX DIM-FL LOCATION F76 20 76 00 JSR \$0076 F77 20 F7 CF JSR \$CFF7 F81 A2 00 LDX #\$300 \$37N76X \$7N70X <t< td=""><td>CF55 CF55</td><td></td><td></td><td></td><td>8</td><td></td><td></td></t<>	CF55 CF55				8		
F59 F0 G2 BEG \$CFSD TAUT F59 4C 48 JMP \$SDA4S FG. FA FF. F50 4C 48 DB JMP \$SDA4S `DIM' F64 20 FE CD JSR \$CDF8 `DIM' F64 20 72 CF JSR \$CF72 `DIM' F64 20 72 CF JSR \$CF72 SG F67 20 76 00 LDX \$\$\$0076 FF72 SG 06 STX DIM-FL VARIABLE F72 26 06 STX DIM-FL VARIABLE LOCATION F73 26 77 CF JSR \$0076 FF7 ALPM? F74 85 42 STA V-NAME LOCATION FF7 ALPM? F75 80 06 STX STM-FLAG STMTAX FRAG? F75 90 07 STX STMTAX STMTAX FRAG? FRAG? <tr< td=""><td>-</td><td>-</td><td></td><td></td><td></td><td>COMPARISA</td><td>N FIAC</td></tr<>	-	-				COMPARISA	N FIAC
FSB A9 FF LDA ###FF FALSE F5D 4C 48 DB JMP #DE46 F63 AA TAX *DIM' F64 20 72 CF JSR \$CCF72 F67 20 76 00 JSR \$0076 GET F72 26 06 STX DIM-FL VARIABLE F74 25 42 STA V-NAME LocAtioN F75 20 F7 CF JSR \$0076 AF F74 25 42 STA V-NAME LocAtioN F75 20 F7 CF JSR \$0076 F77 20 F7 CF JSR \$70761 F83 96 85 STX STR-							
F5D 4C 48 DE JMP \$DB48 F60 20 F8 CD JSR \$CDF8 `DIM' F63 AA TAX `DIM' F64 20 72 CF JSR \$C076 F67 20 76 00 JSR \$0076 F67 20 76 00 JSR \$0076 CF7 F60 60 RTS F60 60 RTS F60 60 CF7 F61 20 76 00 JSR \$0076 F7 ALPAR F72 26 76 00 JSR \$0076 F7 ALPAR F72 26 76 00 JSR \$5076 F7 ALPAR F72 26 76 07 JSR \$5076 F7 ALPAR F72 26 F7 CF JSR \$5076 F7 ALPAR F72 26	•						F
F60 20 F8 CD JSR \$CDF8 F63 AA TAX `DIM' F64 20 72 CF JSR \$CF72 F67 20 76 60 JSR \$0076 F72 26 66 STX UM-FL VARIABLE F74 85 42 STA V-NAME LocATION F77 20 F7 CF JSR \$0076 F77 20 F7 CF JSR \$0076 F83 36 67 STX STR-FLAG F83 36 67 CF JSR \$0070 F84 90 08 ECC \$CF92 \$S F85 90 80 SF \$S \$S	-		DE		-	••••	
F63 AA TAX DIM' F64 20 72 CF JSR $\$$ CF72 F67 20 76 00 JSR $\$$ CF60 F67 20 76 00 JSR $\$$ CF60 F60 A2 00 LDX $\$$ T00 C C F60 A2 00 LDX $\$$ T00 C C F72 20 76 00 JSR $\$$ 0076 VA RIABLE F74 25 42 STA V-NAME LOCATION F76 20 76 00 JSR $\$$ 0076 F77 20 F7 JSR $$CFF7$ $ALMA?$ F77 20 F7 JSR $$CFF7$ $ALMA?$ F81 A2 00 LDX $$$$40070 $$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$				the second s			·
F64 20 72 CF JSR $\$CF72$ F67 20 76 00 JSR $\$0076$ F67 20 76 00 JSR $\$0076$ F67 20 76 00 JSR $\$0076$ CE7 F67 20 76 00 JSR $\$0076$ CE7 F72 20 76 00 JSR $\$0076$ ALPMA? F74 85 42 STA V-NAME LOCATION F75 20 F7 FF JSR $\$0076$ ALPMA? F75 20 F7 FF JSR $\$07674$ ALPMA? F75 20 F7 GES $$CF77$ ALPMA? F72 20 F7 CF JSR $$CF77$ F81 A2 00 ECS $$CF71$ F83 90 65 BCC $$CF791$ F84 90 05 BCC $$CF91$ F84 90 F6 BCS $$C$						1	114 /
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CFF5	D0 D0			\$CFD3	
CFF7	C9 41			#\$41	CHECK IF
CFF9	90 05	5	BCC	\$D000	
CFFB	E9 58	2	SBC	#\$5B	ALPHABETIC
CFFD	38		SEC		
CFFE	E9 85	5	SBC	#\$A5	
D000	60		RTS		
D001	68		FLA		CREATE
D002	48		PHA		NEW
DØØB	C9 11		C:MF'	#\$11	-
D005	DØ 05	i	BNE	\$D00C	VARIABLE
D997	A9 1F	•	LDA	#\$1F	
Døøg	, AØ DE	•	LDY	#≄DE	
DØØB	<u>60</u>		RTS	_	
Deec	H5 42		LDA		_
DOOE	A4 43			V-NAME+	1
D010	C9 54		CMP		
D012	D0 08		BNE		
0014	C0 C9			#\$C9	
D016	FØ EF		BEQ	\$D007	
D018	CØ 49			#\$49	
D01A	D0 03		BNE		
DØ1C	40 03			<u>\$CE03 "</u> 34	DIRE CRL
D01F D021	C9 53		CMP		
D021 D023	DØ 04 CØ 54		ENE CPY	\$D027 #\$54	
D025	FØ F5		EEQ	#₽04 \$D01C	
D020 D027	R5 20		LDA		
D029	R4 2D			END-VAR	
DOCE	85 50			WK-POIN	
D02D	84 5D			WK-POIN	
D02F	A5 2E		LDA		
D031	A4 2F		LDY		
D033	85 57		STA		··· - -
D025	84 58		STY		
D037	18		CLC		
0038	69 07			#\$07	
DOCA	90 01		E:C:C	\$D03D	
DEEC	08		1144		
ENGE EN	85 55		STA	155	

D041	20	DS	C2	JSR	\$C2D8 OPEN UP SPACE
DØ44	A5	55		LDA	\$55 ·
D046	Ĥ4	56		LDY	\$56
DØ48	CS			INY	
D049	85	20			END-VARIBLES
D048	84	.2D			END-VARIBLES+1
D04D	80	00		LDY	#\$00
D04F	A5	42		LDA	V-NAME
D051	91	50		STA	(WK-POINTR),Y
D053	CS			INY	
DØ54	85	43		LDA	V-NAME+1
D056	91	50		STA	(WK-POINTR), Y
D058	89	00		LDA	#\$00
D05A	CΘ			INY	
DØ58	91	50		STA	(WK-POINTR),Y
D05D	CS			INY	
D05E	91	50		STA	(WK-POINTR), Y
D060	C8			INY	
D061	91	5C		STA	(WK-POINTR), Y
D063	CS			INY	
D064	91	5C		STA	(WK-POINTR), Y
D066	CS			INY	
D067	91	50		STA	(WK-POINTR), Y
D069	85	50		LDA	WK-POINTR
DØEB	18			CLC	
DØ6C	69	02		ADC	##02
DØ6E	614	5D		ԼԵԿ	WK-POINTR+1
D070	90	01		BCC	\$D073
D072	CЗ			INT	
D073	85	44		STA	V-ADDS
D075	84	45		STY	V-ADDS+1
DØ77	60			RTS	
D078	85	05	•	LDA	N-SUBSCR ARRAY
D078	ØĤ			ASL	
D078	69	Ø5		ADC	#\$05 POINTER
D07D	65	5C		ADC	WK-FOINTR SUBRTN
D07F	FI4	5D		LDY	WK-POINTR+1
D081	90	01		BCC	\$D084
DØSZ	63			INY	
DØ84	85	55		STA	\$55
DØSS	84	56		STY	\$56
DOSS	60			RTS	
					_
D089	90	80	<u>80</u>	ରର - <u>ଚଡ</u>	<u>.70 00 20</u> :32768
DØSD	20	70	ଷଡ	JSR	
D090	20	9F	CC	JSR	
D093	20	SE	CC	JSR	SULSE FIXED
D096	85	63			HUU#1/5
0098	30	ØD		BMI	
D09A	A5	5E			ACC#1/E THRONT TO INTUGER
DØ9C		90		CMF	#\$90 ****
DØ9E	90	Ø9		BCC	\$D0A9
DOAO	89 82	89		LDA	#\$89
DØA2	A0	DØ		LDY	
DØA4	20	67	DB	JSR	
D0A7	DØ	7A		ENE	\$D123
<u>D0A9</u>	<u>4C</u>	<u>87</u>	DB	JMP	
DBHC	Н 5	96		LDA	DIM-FL FIND ARRAY
				• •	

DØBØ	48	PHA
DØ61	A5 07	LDA STR-FLAG
D083	48	PHA
D084	A0 00	LDY #\$00
D086	98	TYA
	48	PHA
DØ87		
DØBS	A5 43	LDA V-NAME+1
DØBA	48	PHA
DØBB	A5 42	LDA V-NAME
DØBD	48	PHA
DØBE	20 SD D0.	JSR \$DOOD CET SUBSCRIPT(S)
D0C1	68	PLA
D0C2	85 42	STA V-NAME
DØC4	68	PLA
0005	85 43	STA V-NAME+1
DØC7	68	PLA
DOCE	88 A8	TAY
D0C9	BA	TSX
DØCA	BD 02 01	LDA \$0102,X
DØCD	48	PHA STACK
DØCE	BD 01 01	LDA \$0101, X / FACH
DØD1	48	PHA IDB BCC#1 CM3 SUBSCRIPT
D0D2	A5 61	LDA ACC#1/M3 > SUDJen
DØD4	9D 02 01	STA \$9192, X BEHIND
DØD7	A5 62	LDA ACC#1/M4 FLAGS
0009	9D 01 01	STA \$0101, X
DODC	CS	INY
DODD	20 76 00	JSR \$0076
DOED	C9 2C	CMP #\$2C ""
		•
DØE2	FØ D2	BEQ \$DØB6
DØE4	84 05	STY N-SUBSCR
DØE6	20 F2 CD	JSR \$CDF2
DØE9	68	PLA
DØEA	85 07	STA STR-FLAG
DØEC	68	PLA
DØED	85 08	STA INT-FLAG
DØEF	29 7F	AND #\$7F
DØF1	85 06	STA DIM-FL
DØF3	A6 20	LDX END-VARIBLES
DOFS	A5 20	LDA END-VARIBLES+1
D0F7	86 50	STX WK-POINTR
DØF9	85 5D	STA WK-POINTR+1
	60 00 C5 2F	
DØFB		CMP END-ARRAYS+1
DØFD	DG 84	ENE \$D103
DØFF	E4 2E	CPX END-ARRAYS
D101	FØ 39	BEQ \$D13C
D103	A0 00	LDY #\$00
D105	B1 5C	LDA (WK-POINTR),Y
D107	CS	INT
D108	C5 42	CMP V-NAME
D10A	D0 06	ENE \$D112
D10C	R5 43	LDA V-NAME+1
D10E	D1 5C	CMP (WK-POINTR), Y
D110	FØ 16	BEQ \$D128
0112	C8	1NY '
[11]	B1 50	LEO ZUR DOINTEN U
0115	18	ADD WE-POINTE NEXT ARRAY
[11-	65 50	HOD WE-POINTE: DEXT HOD"

D11A	B1 50	LDA		
D11C	65 5D	ADC:	: ИК-POINTR+1	
D11E	90 D7	E:C:C	- 本DØF7	
D120	A2 68	LDX		
	20 A2 3			
D122			42.0112	
	///	1.05	##35	
D123	A2 35			
D125	<u>40 57 C</u>			
D128	A2 78	LDX		
D12A	A5 06	LDA	DIM-FL	
D12C	D0 F7	ENE	\$D125	
D12E	20 78 D	0 JSR	\$D078	
D131	A5 05	LDA		
	•••=		4\$94	
D133	• • =			
D135	D1 5C	CMF		
D137	DØ E7	BNE		
D139	4C C6 D:	the second s		
D13C	20 78 DI	a JSR	\$D078 ARRAY NOT	
D13F	20 28 C	3 JSR	\$C328 FOUND	
D142	A9 00	LDA	#\$00	
D144	AS	TAY		
	85 6F		\$6F	
D145				
D147	A2 05	LDX		
D149	A5 42		V-NAME	
D14B	91 50	STA		
D14D	10 01	BPL		
D14F	CA	DEX		
D150	C:8	INY	,	
D151	A5 43	LDA	V-NAME+1	
D153	91 SC	STA	(WK-POINTR), Y	
D155	10 02	EPL		
D157	CA	DEX		
D158	CA	DEX		
D159	86 6E		\$6E	
D15B	A5 05		N-SUBSCR	
D15D	CS	INY		
D15E	CS	INY		
D15F	C8	INY		
D160	91 SC	STA	(WK-POINTR),Y	
D162	A2 08	LDX	#\$ØB (DEFAULT	
D164	A9,00	LDA	#\$00 ARRAY DIM)	
D166	24 06	BIT	DIM-FL	
D168	50 08	BVC	\$D172	
D168	68	FLA		
D168	18	CLC		ITE
D16C	69 01			IEN
D16E	AA			-
D16F		TAX		RRAY
	68	FLA	-	
D170	69 00			IN ENSIONS
D172	CS	INY		
D173	91 SC	STA	(WK-POINTR), Y	
D175	CS.	INY		
D176	8A	TXA		
D177	91 50	STA		
D179	20 28 D2			
D17C	86 6E		\$6E	
D17E	85 6F	STA		
D180	60 OF A4 1F		POINTER	
E de la como	() () () () () () () () () () () () () (
		1 11-1	t A → → (1, the C → (1, the	

D186		
DICO	65 56	ADC \$56
D198	80 SD	BCS \$D1E7
D1SA	85 56	STA \$56
D180	AS	ТАЧ
DISD	88	TXA
D18E	65 55	ADC \$55
	90 03	BCC \$D195
D190		INY
D192	C8	
D193	FØ 52	
D195	20 28 C3	JSR \$C328
D198	85 2E	STA END-ARRAYS
D19A	84 2F	STY END-ARRAYS+1
D19C	A9 00	LDA #\$00
D19E	E6 6F	INC \$6F
DIAO	A4 6E	LDY \$6E
D1A2	F0 05	BEQ \$D189
D184	88	DEY
D185	91 55	STA (\$55),Y
	DØ FB	BNE \$D1A4
D187		DEC \$56
D189	C6 56	
D1AB	C6 6F	DEC \$6F
D1AD	DØ F5	ENE \$D1A4
D1AF	E6 56	INC \$56
D181	38	SEC
D182	A5 2E	LDA END-ARRAYS
D184	E5 5C	SBC WK-POINTR
D186	A0 02	LDY #\$02
D188	91 50	STA (WK-POINTR), Y
D1EA	85 2F	LDA END-ARRAYS+1
D1BC	CS	INY
D180	E5 50	SBC WK-POINTR+1
D1EF	91 50	STA (WK-POINTR), Y
D1C1	A5 06	LDA DIM-FL
D1C3	D0 62	BNE \$D227
D1C5	CS	INY
D1CE	81 SC	LDA (WK-POINTR), Y CALCULATE
d1Ce D1CS	81 5C 85 05	STA N-SUBSCR ARRAY
		STA N-SUBSCR ARRAY
D1CS	85 05 A9 00	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT
D1CS D1CA D1CC	85 05 A9 00 85 6E	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS
D1CS D1CA D1CC D1CC	85 05 A9 00 85 6E 85 6F	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F
D1CS D1CA D1CC D1CE D1D0	85 05 A9 00 85 6E 85 6F C8	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY
D1C8 D1CA D1CC D1CE D1D0 D1D1	85 05 A9 00 85 6E 85 6F C8 68	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY FLA
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2	85 05 A9 00 85 6E 85 6F C8 68 AA	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX STA ACC#1/M3
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX STA ACC#1/M3 FLA
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D5 D1D6	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62	STAN-SUBSCRARRAYLDA#\$00ELEMENTSTA\$6EADDRESSSTA\$6FINYPLATAXSTAACC#1/M3PLASTASTAACC#1/M3FLASTASTAACC#1/M4
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D5 D1D5 D1D6 D1D8	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX STA ACC#1/M3 PLA STA ACC#1/M3 PLA STA ACC#1/M4 CMP (WK-POINTR), Y
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D5 D1D5 D1D6 D1D8 D1DA	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C 90 0E	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX STA ACC#1/M3 PLA STA ACC#1/M4 CMP (WK-POINTR),Y BCC \$D1EA
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D6 D1D8 D1D8 D1D8	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C 90 0E D0 06	STAN-SUBSCRARRAYLDA#\$00ELEMENTSTA\$6EADDRESSSTA\$6FINYPLATAXSTAACC#1/M3PLASTAACC#1/M4CMP(WK-POINTR), YBCC\$D1EAENE\$D1E4
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C 90 0E D0 06 C8	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX STA ACC#1/M3 PLA STA ACC#1/M4 CMP (WK-POINTR),Y BCC \$D1EA
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D6 D1D8 D1D8 D1D8	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C 90 0E D0 06	STAN-SUBSCRARRAYLDA#\$00ELEMENTSTA\$6EADDRESSSTA\$6FINYPLATAXSTAACC#1/M3PLASTAACC#1/M4CMP(WK-POINTR), YBCC\$D1EAENE\$D1E4
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C 90 0E D0 06 C8	STAN-SUBSCRARRAYLDA##00ELEMENTSTA#6EADDRESSSTA#6FADDRESSINYPLATAMSTAACC#1/M3PLASTAACC#1/M3PLASTAACC#1/M4CMP (WK-POINTR), YBCC#D1EAENE#D1E4INY
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 AA 85 61 85 62 D1 5C 90 06 C8 SA	STAN-SUBSCRARRAYLDA##00ELEMENTSTA#6EADDRESSSTA#6FADDRESSINYPLAADDRESSTAXSTAACC#1/M3FLASTAACC#1/M3FLASTAACC#1/M4CMP(WK-POINTR), YBCC#D1EAENE#D1E4INYTXA
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C 90 06 C8 8A D1 5C 90 07	STAN-SUBSCRARRAYLDA#\$00ELEMENTSTA\$6EADDRESSSTA\$6FADDRESSINYPLATAXSTAACC#1/M3FLASTAACC#1/M3FLASTAACC#1/M3FLASTAACC#1/M3FLASTAACC#1/M4CMP (WK-POINTR), YBCC\$D1EAENE \$D1E4INYTXACMP (WK-POINTR), YBCC\$D1EB
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 68 AA 85 61 68 85 62 D1 5C 90 06 C8 8A D1 5C 90 07 4C 20 D1	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX STA ACC#1/M3 PLA STA ACC#1/M3 PLA STA ACC#1/M4 CMP (WK-POINTR),Y BCC \$D1EA ENE \$D1E4 INY TXA CMP (WK-POINTR),Y BCC \$D1EB JMP \$D120 "BAD SUBSCRIFT",
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 68 AA 85 68 62 AA 85 68 62 D1 5C 90 06 C8 85 AA 90 90 07 4C 20 D1 4C 55 C3	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAM STA ACC#1/M3 PLA STA ACC#1/M3 PLA STA ACC#1/M4 CMP (WK-POINTR),Y BCC \$D1EA BNE \$D1E4 INY TXA CMP (WK-POINTR),Y BCC \$D1EB JMP \$D120 "BAD SUBSCRIPT", JMP \$C355 "OUT OF MEMORY"
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8	STA N-SUBSCR ARRAY LDA #\$00 ELEMENT STA \$6E ADDRESS STA \$6F INY PLA TAX STA ACC#1/M3 PLA STA ACC#1/M3 PLA STA ACC#1/M4 CMP (WK-POINTR),Y BCC \$D1EA BNE \$D1E4 INY TXA CMP (WK-POINTR),Y BCC \$D1EB JMP \$D120 "BAD SUBSCRIPT", JMP \$C355 "OUT OF MEMORN" INY
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 AA 85 61 68 85 62 D1 5C 90 0E D0 06 C8 8A D1 5C 90 07 4C 20 D1 4C 55 C3 C8 A5 6F	STAN-SUBSCRARRAYLDA#\$00ELEMENTSTA\$6EADDRESSSTA\$6FADDRESSINYPLAACC#1/M3PLASTAACC#1/M3PLASTAACC#1/M4CMP(WK-POINTR), YBCC\$D1EAENE\$D1E4INYTXACMP(WK-FOINTR), YBCC\$D1EBJMP\$D120"BADSUBSCRIPT"JMP\$C355"OUT OF MEMORN"INYLDALDA\$6F
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F 68	STAN-SUBSCRARRAYLDA#\$00ELEMENTSTA\$6EADDRESSSTA\$6FADDRESSINYPLATAXSTAACC#1/M3PLASTAACC#1/M3PLASTAACC#1/M4CMP (WK-POINTR), YECC\$D1EAENE \$D1E4INYTXACMP (WK-POINTR), YECC\$D1E4INYTXACMP (WK-FOINTR), YECC\$D1E8JMP \$D120"BAD SUBSCRIPT"JMP \$C355"OUT OF MEMORN"INYINYLDA \$6FORA \$6E
D1C8 D1CA D1CC D1CE D1D0 D1D1 D1D2 D1D3 D1D3 D1D5 D1D5 D1D6 D1D6 D1D6 D1D6 D1D6 D1D6	85 05 A9 00 85 6E 85 6F C8 AA 85 61 68 85 62 D1 5C 90 0E D0 06 C8 8A D1 5C 90 07 4C 20 D1 4C 55 C3 C8 A5 6F	STAN-SUBSCRARRAYLDA#\$00ELEMENTSTA\$6EADDRESSSTA\$6FADDRESSINYPLAACC#1/M3PLASTAACC#1/M3PLASTAACC#1/M4CMP(WK-POINTR), YBCC\$D1EAENE\$D1E4INYTXACMP(WK-FOINTR), YBCC\$D1EBJMP\$D120"BADSUBSCRIPT"JMP\$C355"OUT OF MEMORN"INYLDALDA\$6F

D1F2	20 28	D2	JSR	\$D228	
D1F5	8A 67		TXA		
D1F6	65 61		ADC TOM	ACC#1/M3	
D1F8 D1F9	88 98		TAX TYA		
D1FA D1FA	50 R4 1F			POINTER	
D1FC	65 62			ACC#1/M4	
D1FE	86 6E		STX	\$6E	
D200	C6 05		DEC	N-SUBSCR	
D202	DØ CA		BNE		
D204	85 6F			\$6F	
D206	A2 05			#\$05	
D208	A5 42			V−NAME ≰D20D	
D20A D20C	10 01 Ca		DEX	*0200	
D200	A5 43			V-NRME+1	
D20F	10 02		BPL		
D211	CA		DEX		
D212	CA		DEX		
D213	86 25			\$25	
D215	A9 00			#\$00	
D217		D2	JSR	\$D231	
D218	SA CE EE		TXA	~ 5 5	
D218 D21D	65 55 85 44		STA	\$55 V-ADDS	
D21F	98		TYA	* 11000	
D220	65 56			\$56	
D222	85 45			V-ADDS+1	
D224	AS		TAY		
D225	R5 44		1 m	11 0000	
				V-ADDS	
<u>D227</u>	60	·····	RTS		
<u>D227</u> D228	60 84 1F		RTS STY	POINTER	Confute
<u>D227</u> D228 D228	60 84 1F 81 5C		RTS STY LDA	POINTER (WK-POINTR), Y	Confute ARRAY
<u>D227</u> D228 D228 D220	60 84 1F 81 5C 85 25		RTS STY LDA STA	POINTER (WK-POINTR), Y	
<u>D227</u> D228 D228	60 84 1F 81 5C		RTS STY LDA STA DEY	POINTER (WK-POINTR), Y \$25	ARRAY
<u>D227</u> D228 D228 D220 D220 D22E	60 84 1F 81 5C 85 25 88		RTS STY LDA STA DEY	POINTER (WK-POINTR), Y \$25 (WK-POINTR), Y	ARRAY Subjeript
D227 D228 D22A D22C D22E D22F D231 D233	60 84 1F 81 5C 85 25 88 81 5C 85 26 A9 10		RTS STY LDA STA DEY LDA STA LDA	POINTER (WK-POINTR), Y \$25 (WK-POINTR), Y \$26 #\$10	ARRAY Subjeript
D227 D228 D22A D22C D22E D22F D231 D233 D235	60 84 1F 81 5C 85 25 88 81 5C 85 26 89 10 85 5A		RTS STY LDA STA DEY LDA STA LDA STA	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58	ARRAY Subjeript
D227 D228 D22A D22C D22E D22F D231 D233 D235 D235	60 84 1F 81 5C 85 25 88 81 5C 85 26 A9 10 85 5A A2 00		RTS STY LDA STA DEY LDA STA LDA STA LDA	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58 #\$00	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239	60 84 1F 81 5C 85 25 88 81 5C 85 26 A9 10 85 5A A2 00 A0 00		RTS STY LDA STA DEY LDA STA LDA STA LDA LDX LDY	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58 #\$00 #\$00	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239 D238	60 84 1F 81 5C 85 25 88 81 5C 85 26 A9 10 85 5A A2 00 A0 00 SA		RTS STY LDA STA DEY LDA STA LDA STA LDX LDY TXA	POINTER (WK-POINTR), Y \$25 (WK-POINTR), Y \$26 #\$10 \$58 #\$00 #\$00	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239 D238 D23C	60 84 1F 81 5C 85 25 88 81 5C 85 26 A9 10 85 5A A2 00 A0 00 8A 0A		RTS STY LDA STA DEY LDA STA LDA STA LDA TXA ASL	POINTER (WK-POINTR), Y \$25 (WK-POINTR), Y \$26 #\$10 \$58 #\$00 #\$00	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239 D238 D23C D23D	60 84 1F 81 5C 85 25 88 81 5C 85 26 A9 10 85 5A A2 00 A0 00 8A A0 00 8A AA		RTS STY LDA STA DEY LDA STA LDA STA LDA STA LDY TXA ASL TAX	POINTER (WK-POINTR), Y \$25 (WK-POINTR), Y \$26 #\$10 \$58 #\$00 #\$00	ARRAY Subjeript
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239 D238 D23C	60 84 1F 81 5C 85 25 88 81 5C 85 26 A9 10 85 5A A2 00 A0 00 8A 0A		RTS STY LDA STA DEY LDA STA LDA STA LDA TXA ASL	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$5A #\$00 #\$00 #\$00 #	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239 D238 D230 D23D D23E	60 84 1F 81 5C 85 25 88 5C 89 5C 89 10 85 5A 80 80 80 80 80 80 80 80 80 80 80 80 80		RTS STY LDA STA DEY LDA STA LDA STA LDY TXA ASL TYA	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$5A #\$00 #\$00 #\$00 #	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239 D238 D230 D23E D23E D23F D240 D241	60 84 1F 81 5C 85 25 81 5C 85 26 A9 10 85 5A A0 00 86 A0 00 86 A0 00 86 A0 00 86 A0 00 86 A0 00 86 A0 00 86 A0 00 86 A0 00 86 A0 86 A0 8		RTS STY LDA STA DEY LDA STA LDA STA LDA STA LDY TXA ASL TAX ROL TAY BCS	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$5A #\$00 #\$00 #\$00 #\$00 A	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22E D22F D231 D233 D235 D237 D239 D238 D230 D238 D230 D238 D236 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D234 D234 D234 D234 D234 D234 D234 D234	60 84 1F 81 5C 85 25 81 5C 85 26 99 10 85 40 85 40 86 60 86 65 86 66 86 65 86 65 86 65 86 65 86 66 86 66		RTS STY LDA STA DEY LDA STA LDA STA LDA STA LDY ASL TAS ROL TAS ASL	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$5A #\$00 #\$00 " A A \$D1E7 \$6E	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22F D231 D233 D235 D237 D239 D238 D238 D230 D235 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D237 D237 D237 D237 D237 D237 D237	60 84 1F 85 25 81 50 85 26 89 50 89 50 80 80 80 br>80 80 80 80 80 80 80 80		RTS STY LDA DEA STA STA STA STA STA STA STA STA STA ST	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58 #\$00 #\$00 #\$00 #\$00 7 8 8	ARRAY SUBJCRIPT SIZE
D227 D228 D22A D22C D22F D231 D233 D235 D237 D239 D238 D238 D238 D238 D238 D238 D238 D238	60 84 1F 85 25 81 52 89 52 80 85 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80		RTS STY LDA STA DEA STA LDA STA LDA STA LDA STA LDA STA STA STA STA STA STA STA STA STA ST	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$5A #\$00 #\$00 " A A \$D1E7 \$6E	ARRAY SUBJCRIPT SIZE
D227 D228 D228 D222F D222F D224F D233 D235 D235 D235 D237 D238 D238 D238 D238 D238 D238 D238 D238	60 84 1F 85 25 81 50 85 25 81 20 85 20 80 80 80 br>80 80 80 80 80 80 80 80		RTS STY LDA STY LDA STA STA STA STA STA STA STA STA STA ST	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58 #\$00 #\$00 #\$00 #\$00 7 8 8	ARRAY SUBJCRIPT SIZE
D227 D228 D228 D227 D22E D22F D231 D235 D235 D235 D237 D238 D236 D238 D236 D238 D236 D238 D236 D240 D241 D243 D245 D247 D249 D247	60 84 1F 85 25 815 25 815 25 80 52 80 85 80 80 80		RTS STY LDA STY LDA STA STA STA STA STA STA STA STA STA ST	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58 #\$00 #\$00 #\$00 #\$00 f A A \$D1E7 \$6E \$6F \$D254	ARRAY SUBJCRIPT SIZE
D227 D228 D228 D222F D222F D224F D233 D235 D235 D235 D237 D238 D238 D238 D238 D238 D238 D238 D238	60 84 1F 85 25 81 50 85 25 81 20 85 20 80 80 80 br>80 80 80 80 80 80 80 80		RTS STY LDA STY LDA STA STA STA STA STA STA STA STA STA ST	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58 #\$00 #\$00 #\$00 #\$00 f A A \$D1E7 \$6E \$6F \$D254	ARRAY SUBJCRIPT SIZE
D227 D228 D228 D227 D22F D22F D231 D235 D235 D237 D239 D238 D238 D238 D238 D238 D238 D238 D238	60 84 1F 85 25 81 25 81 25 80 52 80 85 80 85 80 86 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80		RTS STY LDA DDA LDA LDA LDA LDA LDA LDA LDA LDA	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$58 #\$00 #\$00 #\$00 #\$00 f A A \$D1E7 \$6E \$6F \$D254	ARRAY SUBJCRIPT SIZE
D227 D228 D228 D227 D225 D227 D233 D235 D235 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D238 D237 D244 D247 D247 D247 D247 D247 D248 D247 D248 D247 D248 D247 D248 D247 D248 D247 D248 D248 D248 D248 D248 D248 D248 D248	60 84 1F 858 1525 815 25 809 520 809 500 809 500 800 500 8		RTS STY STA STA STA STA STA STA STA STA STA STA	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$5A #\$00 #\$00 #\$00 #\$00 #\$00 #\$00 #\$00 #\$0	ARRAY SUBJCRIPT SIZE
D227 D228 D228 D227 D225 D227 D231 D235 D235 D235 D235 D238 D238 D238 D238 D238 D238 D238 D238	60 84 1F 85 85 55 815 25 80 85 26 80 85 20 80 85 20 80 86 80 80 80 80	· · · · · · · · · · · · · · · · · · ·	RTS STAA STAA STAA STAA STAA STAA STAA ST	POINTER (WK-POINTR),Y \$25 (WK-POINTR),Y \$26 #\$10 \$5A #\$00 #\$00 #\$00 #\$00 #\$00 #\$00 #\$00 #\$0	ARRAY SUBJCRIPT SIZE

D256	D0 E3		ENE	\$D23B			
D258	60		RTS				
D259	H5 07		LDA	STR-FLA	iG	`FRE'	
D25B	F0 03		BEQ	\$D260			
D25D	20 80	D5	JSR	\$D580			
D260	20 00	D4	JSR	\$D400			
D263	38	-	SEC				
	A5 30		LDA	STRING-	-1 0		
D264	-		SBC	END-ARE			
D266			TAY				
D268	AS			CTDINC			
D269	A5 31		LDA				
D268	E5 2F		SBC	END-ARR			
D26D	A2 00		LDX		_		「ご ムに え)
D26F	86 07		STX				
D271	85 5F		STA	ACC#1/M		FLOAT	
D273	84 60		STY	ACC#1//	12		
D275	A2 90		LDX	#\$90			
0277	40 50	DB	JMP	\$D850			
D278	R4 C6		LDY	CURSOR-	·COL	'POS'	
D27C	A9 00		LDR	#\$00		r u j	
D27E	FØ ED		BEQ	\$D26D			
D280	A6 37		LDX	EHSIC-L	TNF#+	1	
	E8		INX		CHA	TCK DIRECT	Г
D282	E8 D0 A2		BNE	\$D227	- 11	• ••• •	
D283							
D285	A2 95	, ,,	LDX		"ILLEGA	L DIRECT	
D287	2C 82	Eà	BIT	\$E982	- 1 -		
	//				INDEF'D	FUNCTION*	
dzss	A2 E9	_	LD×	#\$E9	-		
<u>D288</u>	40 57	<u>C3</u>	JMF	\$0357			
D28D	20 BB	D2	JSR	\$D2BB	\ 1	DEF'	
D290	20 80	D2	JSR	\$D280	-		
D293	20 F5	CD	JSR	\$CDF5			
D296	A9 80		LDA	#\$80			
D298	85 ØA		STR	\$0A			
D298	20 6D	CF	JSR	\$CF6D			
D29D	20 SE			\$CCSE			
D2A0	20 F2	CD		\$CDF2			
D2A3	A9 B2	00		#\$B2			
	20 FA	<u>~</u> ••	JSR				
D285				+UUF			
D2A8 D2A8	48 05:45		PHA	V-ADDS+	.4		
D2A9	A5 45			Y-HUUS+			
D2AB	48		PHA				
D2AC	A5 44			V-ADDS			
D2AE	48		PHA			-	
D2AF	A5 78			BASIC-A	IDDS/H	1	
D281	48		F'HA				
D282	A5 77			BASIC-A	IDDS		
D284	48		PHA				
0285	20 00	CS	JSR	\$C800			
D2BS	4C 29	D3	JMF	\$D329			
0288	A9 A5		LDA	#\$A5	"FN"	CHECK	
0280	20 FA	CD		\$CDFA		-	
D200	09 80			#\$80	F٨	Jz.	
D202	85 ØA			\$9A	۲.	NTAX	
D202	20 74	CE		\$CF74		· · ·	
		· • • •		⊈en + \$4B			
D207							
0209	84 40	~~		\$4C ≠CC0E			
FI TIT FI	40 <u>8E</u>		<u></u>				
					\ F	11.	

D2D3	48	FHA
D2D4	A5 48	LDA \$48
D2D6	48	PHA
	20 EC CD	JSR \$CDEC
D2D7	20 8E CC	JSR \$CC8E
D2DA		
0200	68 -	PLA
D2DE	85 4B	STA \$4B
D2EØ	68	PLA
D2E1		STA \$4C
DZEJ	-	LDY #\$02
		LDA (\$48),Y
D2E5		
D2E7	85 44	STA V-ADDS
D2E9	AA	TAX
D2EA	CS	INY
DQEB	B1 48	LDA (\$48),Y
DZED		BEQ \$D288
	85 45	STA V-ADDS+1
D2F1		INY
D2F2		LDA (V-ADDS),Y
D2F4	48	PHR
D2F5	88	DEY
D2F6	10 FA	BPL ≰D2F2
D2F8	R4 45	LDY V-ADDS+1
D2FA	20 E0 DA	JSR \$DAE0
D2FD	A5 78	LDA BASIC-ADDS/HI
D2FF	48	PHA
DEOO	A5 77	LDA BASIC-ADDS
D302	48	PHA
D302 D303	B1 4B	LDA (\$48),Y
D305	85 77	STA BASIC-ADDS
D307	CS	INY
D308	B1 48	LDA (\$48),Y
DBØA	85 78	STA BASIC-ADDS/HI
D30C	A5 45	LDA V-ADDS+1
DBØE	48	PHA
	A5 44	LDA V-ADDS
D311	48	PHR
D312	20 SB CC	JSR \$CC8B
D315	68.	FLA
D316	85 4B	STA \$4B
D318	68	PLA
D319	85 4C	STA \$4C
D31B	20 76 00	JSR \$0076
DB1E	FØ 03	BEQ \$D323
DB20	4C 03 CE	JMP SCEQE "SYNTAX ERACE"
D323 -	68	PLA
D324	85 77	STA BASIC-ADDS
D326		PLA
	85 78	STA BASIC-ADDS/HI
	A0 00	
	68	PLA
	91 4B	STA (\$48),Y
DBSE	68	PLA
	68	INY
D330	91 4B	STA (\$48), Y
	68	PLA
DEEE	08	1144
	91 4B	STA (\$48),Y
[F	÷.	FLA

D338	91 4B	STA (\$48),Y
DBBA	68	FLA
DBBB	CS	INT
D33C	91 4B	STA (\$48),Y
DBBE	60	RTS
	20 8E CC	
DEEF		
D342	A0 00	
D344	20 EB DC	JSR \$DCEB
D347	68	PLA
D348	68	PLA
D349	A9 FF	LDA #\$FF
D34B	A0 00	LDY #\$00
D34D	FØ 12	BEQ \$D361
D34F	<u> </u>	
D351	R4 62	
D353	86 4D	
D355	84 4E	STY \$4E UECTOR
D357	20 CE D3	JSR \$D3CE
D35A	86 5F	STX ACC#1/M1
D35C	84 60	STY ACC#1/M2
D35E	85 5E	STA ACC#1/E
D360	60 02	RTS
D361	A2 22	LDX #\$22 SCAN +
D363	86 03	STX \$03 STY SOL SET UP
D365	86 04	51X \$04
D367	85 EC	STA SGN-COMPR STRING
D369	84 6D	STY ROUND
DB6B	85 5F	STA ACC#1/M1
D36D	84 60	STY ACC#1/M2
D36F	AØ FF	LDY #\$FF
D371	CS	INY
0372	B1 6C	LDA (SGN-COMPR), Y
D374	F0 0C	BEQ \$D382
D376	C5 03	CMP \$03
D378	FØ 04	BEQ \$D37E
D37A	C5 04	CMP \$04
D37C	D0 F3	BNE \$D371
D37E	C9 22	CMP #\$22
D380	F0 01	BEQ \$D383
D382	18	
		CLC
D383	84 5E	STY ACC#1/E
D385	98	TYA
D386	65 6C	ADC SGN-COMPR
diss	85 6E	STA \$6E
DBSR	A6 6D	LDX ROUND
DBSC	90 01	BCC \$D38F
DBSE	E8	INX
DISEF	86 6F	STX \$6F
D391	R5 6D	LDA ROUND
D393	F0 04	BEQ \$D399
D395	C9 02	CMP #\$02
D397	D0 08	BNE \$D3A4
D399	98	ТҮА
D39A	20 4F D3	JSR ≴D34F
DB9D	A6 6C	LDX SGN-COMPR
DB9F	A4 6D	LDY ROUND
53 61	20 62 D5	JSR \$D562
0284 0284	A6 13	LDX \$13
		ne ne versen an en

	LDX #\$C8 "FORMULE TOO COMPLEX"
D3AA A2 C8 D3AC 4C 57 C3	LDX #\$C8 "FORMULE TOO COMPLEX" JMP \$C357
	LDA ACC#1/E
	STA \$00,X
	LDA ACC#1/M1
	STA \$01,X
	LDA ACC#1/M2
	STA \$02,X
	LDY #\$00
	STX ACC#1/M3
	STY ACC#1/M4
	STY ROUND
	DEY
D3C3 88 D3C4 84 07	STY STR-FLAG
	STX \$14
	INX
DBC8 E8 DBC9 E8	INA
D3C9 E8 D3C8 E8	INX
D3CB 86 13	STX \$13
D3CD 60 D3CB 88 13	RTS
D3CE 46 09	
D302 48	
D3D1 49 FF	EOR #SFF STRINC
D3D3 38	
D3D3 30 D3D4 65 30	SEC VECTOR ADC STRING-LO
D3D6 A4 31	LDY STRING-LO+1
D3D8 80 01	BCS \$D3DB
D3DA 88	DEY
D3D8 C4 2F	CPY END-ARRAYS+1
D3DD 90 11	BCC \$D3F0
D3DF D0 04	BNE \$D3E5
D3E1 C5 2E	CMP END-ARRAYS
D3E3 90 0B	BCC ≰D3F0
D3E5 85 30	STA STRING-LO
D3E7 84 31	STY STRING-LO+1
D3E9 85 32	STA STRING-HI
D3EB 84 33	STY STRING-HI+1
DBED AA	TAX
DBEE 68	PLA
DBEF 60	RTS
D3F0 A2 4D	
D3F2 A5,09	LDA \$09
D3F4 30 86	BMI \$D3AC
D3F6 20 00 D4	JSR \$0400
D3F9 A9 80	LDA #\$80
D3FB 85 09	STA \$09
DBFD 68	FLA ·
DBFE D0 D0	BNE \$D300
D400 A6 34	LDX MEM-LIMIT GARBACE
D402 A5 35	LDA MEM-LIMIT+1 COLLECTION
D404 86 30	STX STRING-LO
D406 85 31	STA STRING-LO+1
D408 A0 00	LDY #\$00
D40A 84 4C	STY \$4C
D40C 84 4B	STY \$48
D40E A5 2E	LDA END-ARRAYS
D410 86 2F	LDX END-ARRAYS+1
D412 85 50	STA WK-POINTR
D414 86 5D	STX WK-POINTR+1
이것같은 귀단 사람	1. 「「白」# 市作品

D418	A2 00		LDX	井宇回回
-	85 1F		STA	
041A			STX	
D41C	86 20			
D41E	C5 13		CMP	
D420	FØ 05		BEQ	\$D427
0422	20 A1	D4	JSR	\$D481
D425	F0 F7		BEQ	\$D41E
	<u> </u>		LDA	
D427				
D429	85 50		STA	
D42B	A5 2A		LDA	
D42D	A6 28		LDX	END-BASIC+1
D42F	85 1F		STR	POINTER
D431	86 20		STX	POINTER-HI
	E4 2D		CPX	
D433			ENE	\$D43B
D435	DØ 04			
D437	C5 2C		CMP	
D439	FØ 05		BEQ	\$D44Ø
D438	20 97	D4	JSR	\$D497
D43E	F0 F3		BEQ	≢D4 33
D440	85 55		STA	
			STX	
D442				
D444	A9 03		LDFI	#\$03
D446	85 50		STA	\$50
D448	A5 55		LDA	\$55
D448	A6 56		LDX	\$56
D44C	E4 2F		CPX	END-ARRAYS+1
D44E	D0 07		BNE	\$D457
D450	C5 2E		CMP	END-ARRAYS
0452	DØ 03		ENE	≴ D457
D454	4C E0	D4	JMP	\$D4E0
D457	85 1F		STA	POINTER
D459	86 20		STX	POINTER-HI
D458	A0 00		LDY	#\$00
D45D	E1 1F		LDA	(POINTER), Y
				CPUINIER/JT
D45F	AA		TAX	
D460	CS		INY	
D461	E1 1F		LDA	(POINTER), Y
D463	ØS		PHP	
D464	C:3		INY	
D465	61 1F			(POINTER), Y
D467	65 55		ADC	\$55
D469	85 55		STA	\$55
D468	C3 ·		INY	
D46C	E1 1F		LDA	(POINTER), Y
D46E	65 56		RDC	\$56
D470	85 56		STA	\$56
0472	28		FLP	
D473	10 D3		EFL	≇D44 8
D475				4-C-4-4-C
	SA So so		TXA	
D476	30 D0		BMI	\$D448
D478	CS		INY	
D479	E:1 1F		LDA	(POINTER), Y
D478	A0 00		LDY	井本(2)(2)
D47D	0A		ASL	
D47E	69 05		ADC	
	65 1F			
D480				POINTER
D482	85 1F			POINTER
[)484	90 02		ECC	⊈D488
D486	E6 20		INC	FOINTER-HI
[+4 3:3	A6 20		LDX	POINTER-HI

D48A	E4 56				
D48C	DØ 04			\$D492 ⊄55	
D4SE	C5 55			\$55 #D440	
D490	FØ BA		BEQ	\$D44C \$D4A1	
D492	20 A1		JSR		
0495	F0 F3	and the second se	SEQ	(POINTER), Y	
D497	E1 1F		_DA BMI	\$D4D0	CHECK
D499	30 35		INY	ANE :'S'	STRING
D498	C8			(POINTER), Y	
D49C	E1 1F		LDA SPL	\$D4D0	•••
D49E	10 30		INY	*0400	COLLECTION
D4RØ	C8 E1 1F			(POINTER), Y	
D4A1			BEQ		
D4A3	FØ 28 C8		INY	4.C. 4.C.C.	
D485	61 1F			(POINTER), Y	
D486	AA		LUX		
D488 D489	CS		ENY		
D4AA	B1 1F		_DA	(POINTER), Y	
D4RC	C5 31				DIREADY
D4RE	90 06		BCC	\$D4B6	COLLECTED?
D480	DØ 1E		BNE	\$D4D0	Coule
D460 D462	E4 30		CPX		{
D484	E4 30 E0 1A				
D486	C5 5D		CMP	WK-POINTR+1	
D468	90 16		3CC	\$D4D0	HICHEST
D488	DØ 04		INE		SD FAR?
D4BC	E4 5C		CF'X		
D48E	90 10	-	303	\$D4D0)
D4C0	86 50		STX	WK-POINTR	
D4C2	85 5D		TA	WK-POINTR+1	
D4C4	A5 1F		DA	POINTER	206
D4C6	A6 20		DX	POINTER-HI	STRING
D4C8	85 48		TA	\$4B	FOR NEXT
D4CA	86 40			\$4C	COLLECTION
D4CC	A5 50			\$50	
D4CE	85 52			\$52	
D4D0	A5 50			\$50	PROCEED
D4D2	18	C	LC		TO NEXT
D4D3	65 1F	F	1DC	POINTER	VARIABLE
D4D5	85 1F	9	TA	POINTER	
D4D7	90 02	E	3CC	\$D4DB	
D4D9	E6 20	L	NC	FOINTER-HI	
D4DE	A6 20	L	.DX	POINTER-HI	
D4DD	A0 00	L	.DÝ	#\$00	
D4DF	60	ㅋ	TS		
D4E0	A5 4C		.[·Ĥ		COLLECT
D4E2	05 4B		IF:A		-
D4E4	F0 F5		EQ		STRINC
D4E6	A5 52		D'A		
D4ES	29 04			#\$04	
D4EA	4fi		SR.	A	
D4EB	A8		'AY	•	
D4EC	85 52		TA		
D4EE	B1 48		DH		
D4F0	65 5C		IDC		
[)4F2	85 57		TA		
[)4F4	A5 50			WK-POINTR+1	
r4F5	មិទី មិថី	F	1DC	井宇回回	

D4FA	A5 30	LDA STRING-LO
	A6 31	LDX STRING-LO+1
D4FC	85 55	STA \$55
D4FE	86 56	STX \$56
D500		JSR \$02DF OPEN UP SPACE (CLOSE UP)
D502		LDY \$52
D505	• • •	INY
D507	C:8	
D508	A5 55	LDA \$55
D50A	91 4B	STA (\$48)/Y
D50C	AA	TAX
D50D	E6 56	INC \$56
D50F	A5 56	LDA \$56
D511	C8	INY
D512	91 4B	STA (\$4B),Y
D514	40 04 04	JMP \$D404
D517	A5 62	
D519	48	PHA CONCATENATE
D51A	A5 61	LDA ACC#1/M3
D51C	48	FHA
D51D	20 84 CD	JSR \$CD84
D520	20 90 CC	JSR \$CC90
D523	68	PLA
D524	85 6C	STA SGN-COMPR
D526	68	PLA
0527	85 6D	STA ROUND
D529	A0 00	LDY #\$00
D52B	B1 6C	LDA (SGN-COMPR), Y
	18	CLC
D52D		
D52E	71 61	ADC (ACC#1/M3),Y
D530	90 05	BCC \$0537
D532	A2 80	LDX ##EO "STRING TOO LONG"
D534	<u>4C 57 C3</u>	<u>JMF \$C357</u>
D537	20 4F D3	JSR \$D34F
D53A	20 54 D5	JSR \$D554
D53D	85 4D	LDA \$4D
D53F	A4 4E	LDY \$4E
D541	20 84 D5	JSR \$D584
D544	20 66 D5	JSR \$D566
D547	A5 6C	LDA SGN-COMPR
D549	A4 6D	LDY ROUND
D546	20 Ş4 D5	JSR \$D584
054E	20 A4 D3	JSR \$D3A4
D551	4C 89 CC	JMP \$CC89
D554	A0 00	LDY #\$00 BUILD
0556	81 6C	
D558	48	PHA STRING
D559	CS	INY INY
D55A	E:1 6C	LDA (SGN-COMPR), Y MEMORY
D55C	AA	TAX
D55D	C8	INT
DSSE	E1 6C	LDA (SGN-COMPR)/Y
D560	AS	
D561	68	PLA
D562	86 1F	STX POINTER
D564	84 20	STA POINTER-HI
	A8	TAY
D566		
0567	F0 0A	BEQ \$D573 500
0569	48	F'HA
nsin	17171	C'E'r'

DSED	91 32	STA (STRING-HI),Y
D56F	98	TYA
D570	D0 F8	BNE \$D56A
D572	68	PLA
D573	18	CLC
D574	65.32	ADC STRING-HI
D576	85 32	STA STRING-HI
D578	90 02	BCC \$D57C
D57A	E6 33	INC STRING-HI+1
0570	60	RTS
D57D	20 90 CC	JSR \$CC90 DISCARD
D580	A5 61	
D582	R4 62	
D584	85 1F	STA POINTER STRING
D586	84 20 20 85 D5	STY POINTER-HI JSR ≰D5B5
D588 D588	20 85 D5 08	PHP
D58C	88 A0 00	 Ldy #\$00
DSSE	B1 1F	LDA (POINTER), Y
D590	48	PHA
D591	C8	INY
D592	B1 1F	LDA (POINTER), Y
D594	RA II	TAX
D595	C8	INY
D596	E1 1F	LDA (POINTER), Y
D598	A8	TAY
D599	68	PLA
D598	28	PLF
D598	DØ 13	ENE \$0580
D59D	C4 31	CPY STRING-LO+1
D59F	D0 0F	BNE \$D580
D5A1	E4 30	CPX STRING-LO
D5A3	D0 08	BNE \$0580
D5A5	48	PHA
D586	18	CLC
D5A7	65 30	ADC STRING-LO
D589	85 30	STA STRING-LO
D5AB	90 02	BCC \$D5AF
D5AD	E6 31	INC STRING-LO+1
DSAF	68	FLA
DSEO	86 1F	STX POINTER
D582	84 20	STY POINTER-HI
<u>D584</u>	<u>60</u> C4 15	
D585 D587	D0 0C	CPY \$15 CLEAN BNE \$0505 DECODERTS
D589	C5 14	CMP \$14 DESCRIPTOR
DSBB	00 08	ENE \$0505 STACK
DSBD	85 13	STA \$13
DSBF	E9 03	SBC #\$03
0501	85 14	STA \$14
D5C3	A0 00	LDY #\$00
D505	60	RTS
D506	20 78 D6	JSR ≉D678 CHR\$'
D5C9	9A	
DSCA	48	PHA
DSCB	A9 01	LDA #\$01
0500	20 57 DB	JSR \$D357
[5]]0	68	FLA
0501	H0 00	LD早 #本®®

D5D5	68		FLA		
DSDE	68		FLA		
0507	4C A4	E•⊒		≴DBA4	
DSDA	20 3E	D6	JER		`LEFT\$ '
DSDD	D1 4D	ı	CIMP	(\$4D), Y	
D5DF	98		TYA	the	
DSEØ	90 04		BCC LDA	≴D5È6 (\$4D)/Y	
D5E2	B1 4D)	TAX	(\$40)) 1	
D5E4	AA · 98		TYA		
DSE5 DSE6	90 48		F'HA		
D5E6 D5E7	43 8A		TXA		
D5E8	48		FHA		
D5E9	20 57	DB	JSR	\$D357	
DSEC	R5 4D		LDA	\$4D	
DSEE	FI4 4E	•	LDY	\$4E	
D5F0	20 84	D5	JSR	\$D584	
D5F3	68,		PLA		
D5F4	FIS:		TAY		
D5F5	68		PLA		
D5F6	18		CLC		
D5F7	65 1F 85 1F		ADC STO	POINTER	
D5F9 D5FB	85 1F 90 02		BCC	\$D5FF	
DSFD DSFD	E6 20		INC	POINTER-H	I T
DSFF	98		TYA	I CINIER I	
D600	20 66	D5	JSR	\$D566	
D603	40 84			\$D364	
0606	20 38		JSR:	\$D638	'RICHT\$'
D689	18		CLC		Пепер
DEØR	F1 4D		SBC	(\$4D), Y	
DEBC	49 FF		EOR	#\$FF	
<u>D60E</u>	<u>40 E0</u>		JMP		
D611	H9 FF		LDA	#\$FF	`MID\$'
D613	85 62			ACC#1/M4	
D615 D619	20 76 C9 29			\$0076 #\$29	
D618 D618	FØ Ø6			\$D622	
D61C	20 F8			\$CDF8	
D61F	20 78			\$D678	
D622	20 38			\$D63B	
D625	FØ 48			\$D672	
D627	CA		DEX		
D628	SA		TXA		
D629	48		PHA		
D62A	18		CLC		
D62B	A2 00			#\$00	
D62D	F1 4D			(\$4D),Y	
D62F	80 86			\$D5E7	
D631	49 FF				
D633 D635	- C5 62 - 90 81			ACC#1./M4 \$D5E8	
D637	A5 62			ACC#1./M4	
D639	80 AD			\$D5E8	
<u>D638</u>		CD	JSR	\$CDF2	
Dese	68		PLA		
063F	AS		TRIT		
[540	68		FLA		
[541	85 52		STA	\$52	
1:643	68		FLA		

D644	68		FLA		
D645	68		FLA		
0646	AA		TAX		
D647	68		PLA		
	85 40)	STR	\$4D	
D648			FLA		
D64A	68	•	STA	\$4E	
D64B	85 4E		LDA	\$52	
D64D	A5 52			4 U Z	
D64F	48		PHA		
D650	98		TYA		
D651	48		PHA		
D652	- A0 00	1	՟՟՟	#\$00	
D654	SA		TXA		
D655	ସେ		RTS		
D656	20 50	D6	JSR	\$D65C	LEN'
D659	40 70	-	JMP	\$D27C	
D65C	20 70	and the second se	JSR	\$D57D	
D65F	A2 00	_	LDX	#\$00	
	86 07		STX	STR-FLAG	
D661	-		TAY		
D663	AS CO		RTS		
<u>D664</u>	60			*0-250	
D665		De	JSR	\$D65C	`ASC'
D668	F0 08		BEQ	\$D672	
DEEA	A0 00		LDY	#\$00	
D66C	B1 1F		LDA	(POINTER), Y	
DSSE	AS .		TAY		
DEEF	<u>40 70</u>		JMF	\$D27C	
0672	4C 23	D1	JMF	\$D123 "ILLEGA	L QTY"
D675	20 70	ଉତ	JSR	\$0070	
D678	20 SB	CC	JSR	\$CC8B	INPUT
D67B	20 93	DØ	JSR	\$D093	BYTE
D67E	A6 61		LDX	ACC#1/M3	PARAMETER
D680	D0 F0	•	ENE	\$D672	PARINCE
D682	A6 62		LDX	ACC#1/M4	
D684	4C 76		JMP	\$0076	
D687				\$D65C	
DESA	D0 03			\$068F	'VAL'
DESC	4C 03			\$D803	
D68F			.TMP		
	•				
DE91	A6 77		LDX	BASIC-ADDS	T
D691 D697	A6 77 R4 78		LDX LDY	BÀSIC-ADDS BASIC-ADDS/H	I
D693	A6 77 A4 78 86 6E		LDX LDY STX	BÀSIC-ADDS BASIC-ADDS/H ≸6E	I
D693 D695	A6 77 A4 78 86 6E 84 6F		LDX LDY STX STY	BÀSIC-ADDS BASIC-ADDS/H ≸6E ≸6F	I
D693 D695 D697	A6 77 A4 78 86 6E 84 6F A6 1F		LDX LDY STX STY LDX	BÀSIC-ADDS BASIC-ADDS./H \$6E \$6F POINTER	I
D693 D695 D697 D699	A6 77 A4 78 86 6E 84 6F A6 1F 86 77		LDX LDY STX STY LDX STX	BÀSIC-ADDS BASIC-ADDS/H ≸6E ≸6F	I
D693 D695 D697 D699 D698	A6 77 A4 78 86 6E 84 6F A6 1F 86 77 18		LDX LDY STX STY LDX STX CLC	BÀSIC-ADDS BASIC-ADDS/H ≸6E \$6F POINTER BASIC-ADDS	I
D693 D695 D697 D699 D698 D690	A6 77 A4 78 86 6E 84 6F A6 1F 86 77 18 65 1F		LDX LDY STX STY LDX STX CLC ADC	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER	I
D693 D695 D697 D699 D698 D690 D690	A6 77 A4 78 86 6E 84 6F A6 1F 86 77 18 65 1F 85 21		LDX LDY STX STY LDX STX CLC ADC STA	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21	I
D693 D695 D697 D699 D698 D690 D690 D690	A6 77 A4 78 86 6E 84 6F A6 1F 86 77 18 65 85 21 86 20		LDX LDY STX LDX STY CLC ADC STA LDX	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI	
D693 D695 D697 D699 D698 D690 D690 D690 D680 D682	A6 77 A4 78 86 6E 84 6F A6 1F 86 77 18 65 21 85 21 86 78		LDX LDY STX LDX STY CLC STA LDX STA	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H	
D693 D695 D697 D699 D698 D690 D690 D680 D682 D684	A6 77 A4 78 86 6F A6 1F 86 77 18 65 46 77 18 5 20 86 78 90 01		LDX LDY STX LDX STY CLC STA LDX STA	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI	
D693 D695 D697 D699 D698 D690 D690 D680 D682 D684 D684 D686	A6 77 A4 78 86 6E 84 6F 86 77 18 1F 85 21 85 20 86 78 90 85 90 85		LDX LDY STX LDX STY CLC STA LDX STA	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H	
D693 D695 D697 D699 D698 D690 D690 D680 D682 D684	A6 77 A4 78 86 6F A6 1F 86 77 18 65 46 77 18 5 20 86 78 90 01		LDX LDY STX LDX STY LDX CLC ADC ADC STA LDX STC	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7	
D693 D695 D697 D699 D698 D690 D690 D680 D682 D684 D684 D686	A6 77 A4 78 86 6E 84 6F 86 77 18 1F 85 21 85 20 86 78 90 85 90 85		LDX LDY STY LDX STY CLC ADC ADC ADC STA STX STX	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7	
D693 D695 D697 D699 D698 D690 D690 D690 D640 D642 D644 D645 D647	A6 77 A6 78 86 6E 84 6F 86 77 18 65 85 20 86 78 90 86 22 86 22		LDX LDY STY LDX STY CLC ADC ADC ADC STA STX STX	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7 \$22	
D693 D695 D697 D699 D698 D690 D690 D690 D690 D690 D690 D690 D690	A6 77 A6 78 86 6E 86 6F 86 77 18 85 86 77 18 85 85 20 86 78 90 81 86 90 86 90 86 90 86 90 86 90 86 90		LDX LDY STY LDX STY CLC ADA STA STA STA STX LDY	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7 \$22 #\$00	
D693 D695 D697 D699 D698 D698 D698 D698 D682 D684 D684 D687 D689 D689 D689 D689 D689 D689	A6 77 A6 78 A6 65 A6 65 A6 17 18 65 A6 77 A6 77 A6 77 A6 77 A6 77 A6 77 A6 77 A6 77 A6 20 80 80 80 80 80 80 81 20 81		LDX LDY STY LDX CLC ADA SCA SCA SCA SCA SCA SCA SCA SCA SCA SC	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7 \$22 #\$00 (\$21), Y	
D693 D695 D697 D699 D698 D698 D698 D698 D688 D684 D684 D688 D688 D688 D688 D68	A6 77 A4 6E A6 6F A6 6F A6 77 A6 78 A6 20 A6 21 A6 22 A9 80 A9 80		LDX LDY STY LDX STY STX CLC ADTA STX LDA STX LDA PHA LDA	BÀSIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7 \$22 #\$00 (\$21), Y #\$00	
D693 D695 D697 D699 D698 D698 D698 D698 D682 D684 D684 D684 D688 D688 D688 D688 D688	A6 77 A6 78 A6 78 A6 6F A6 6F A6 6F A6 77 A6 77 A6 77 A6 77 A6 77 A6 77 A6 77 A6 6F A6 67 A6 77 A6 77 A6 86 A6 97 A6 98 A6 99 A6		LDX LDY STY LDX CLC ADA STA STA LDA STA LDA AAA STA STA	<pre>BASIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7 \$22 #\$00 (\$21), Y</pre>	
D693 D695 D697 D699 D698 D698 D698 D682 D684 D684 D688 D688 D688 D688 D688 D688	A6 77 78 E 77 86 6 F 77 18 86 6 F 77 18 86 77 18 86 77 18 86 78 18 55 18 55 18 66 78 18 86 90 18 80 18 90 18 90 19 10 19 10 10 10 10 10 10 10 10 10 10 10 10 10 1	00	LDX LDX STY LDX CLC ADA STA SCA STA SCA STA LDA LDA LDA LDA STA JSR	BASIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7 \$22 #\$00 (\$21), Y \$0076	
D693 D695 D697 D699 D698 D698 D698 D698 D682 D684 D684 D684 D688 D688 D688 D688 D688	A6 77 A6 78 A6 78 A6 6F A6 6F A6 6F A6 77 A6 77 A6 77 A6 77 A6 77 A6 77 A6 77 A6 6F A6 67 A6 77 A6 77 A6 86 A6 97 A6 98 A6 99 A6		LDX LDX STY LDX CLC ADA STA SCA STA SCA STA LDA LDA LDA LDA STA JSR	<pre>BASIC-ADDS BASIC-ADDS/H \$6E \$6F POINTER BASIC-ADDS POINTER \$21 POINTER-HI BASIC-ADDS/H \$D6A7 \$22 #\$00 (\$21), Y</pre>	

D689	A0 00	LDY #\$00
DEBB	91 21	STA (\$21),Y
DGBD	A6 6E	LDX \$6E
DEBF	FI4 6F	LDY \$6F
0601	86 77	STX BASIC-ADDS
D603	84 78	STY BASIC-ADDS/HI
D605	60	RTS
D606	20 88 CC	JSR SCCOB GET PARAM'S
	20 D2 D6	
D6C9	20 F8 CD	JSR \$CDF8 FOR POKE, WAIT
D600		JMP \$0678
DECF		
D6D2		
DED4	30 90	
DEDE	85 5E	
DEDS	C9 91	CMP #\$91 BCS \$D672 -ILLEGAL GTY - INTEGER
D6DA	E0 96	
DEDC	20 A7 DB	JSR \$DBA7 → F/x C ^b
D6DF	A5 61	LDA ACC#1/M3
D6E1	A4 62	LDY ACC#1/M4
D6E3	84 11	STY FIXED-LO
D6E5	85 12	STA FIXED-HI
DSE7	60	RTS
DGES	A5 12	LDA FIXED-HI YPEEK'
DEER	48	PHA PLCK
DEEB	A5 11	LDA FIXED-LO
DSED	48	FHA
DSEE	20 D2 D6	JSR \$D6D2
D6F1	A0 00	LDY #\$00
D6F3	ER	NOF'
D6F4	EA	NOP
DEF5	EA	NOP
D6F6	EA	NOP
D6F7	EA	NOP
		NOP
D6F8	EA	NOP
D6F8 D6F9	EA EA	NOF
D6F8 D6F9 D6FA	EA EA EA	NOF NOP
D6F8 D6F9 D6FA D6FB	EA EA EA B1 11	NOP NOP LDA (FIXED-LO),Y
D6F8 D6F9 D6FA D6FB D6FD	EA EA EA B1 11 A8	NOP NOP LDA (FIXED-LO),Y TAY
D6F8 D6F9 D6FA D6FB D6FD D6FE	EA EA EA B1 11 A3 68	NOP NOP LDA (FIXED-LO),Y TAY PLA
D6F8 D6F9 D6FA D6F8 D6F8 D6F8 D6F8	EA EA EA B1 11 A3 68 35 11	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D6F8	EA EA EA B1 11 A3 68 85 11 68	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D6F8 D781 D782	EA EA EA B1 11 A8 68 85 11 68 85 12	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D6F8 D701 D702 D704	EA EA EA B1 11 A8 68 65 11 68 85 12 40 70 D2	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D6F8 D701 D702 D704 D707	EA EA EA B1 11 A8 68 85 11 68 85 12 40 70 D2 20 06 D6	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D606 \Poke'
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D701 D702 D704 D704 D707 D708	EA EA EA B1 11 A8 68 85 11 68 85 12 40 70 D2 20 C6 D6 8A	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D6F8 D701 D702 D704 D704 D708 D708	EA EA EA B1 11 A8 68 85 11 68 85 12 40 70 D2 20 C6 D6 8A A0 00	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA LDY #\$00
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D702 D702 D704 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 65 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA LDY #\$00 STA (FIXED-LO),Y
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D702 D704 D704 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 35 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA LDY #\$00 STA (FIXED-LO),Y RTS
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D782 D782 D784 D784 D788 D788 D788 D788 D788 D788	EA EA EA B1 11 A8 68 85 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA LDY #\$00 STA (FIXED-LO),Y RTS JSR \$D6C6 `WAIT'
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D702 D702 D704 D704 D708 D708 D708 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 65 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA LDY #\$00 STA (FIXED-LO), Y RTS JSR \$D6C6 `WAIT' STX V-PNTR
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D782 D782 D784 D784 D788 D788 D788 D788 D788 D788	EA EA EA B1 11 A8 68 85 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $$D27C$ JSR $$D6C6$ `Poke' TXA LDY $$00$ STA (FIXED-LO), Y RTS JSR $$D6C6$ `WAIT' STX V-PNTR LDX $$$00$
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D702 D702 D704 D704 D708 D708 D708 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 65 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA LDY #\$00 STA (FIXED-LO), Y RTS JSR \$D6C6 `WAIT' STX V-PNTR
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D6F8 D702 D704 D704 D708 D708 D708 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 65 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46 A2 00	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $$D27C$ JSR $$D6C6$ `Poke' TXA LDY $$00$ STA (FIXED-LO), Y RTS JSR $$D6C6$ `WAIT' STX V-PNTR LDX $$$00$
D6F8 D6F9 D6F9 D6F9 D6F9 D6F9 D6F9 D702 D702 D704 D704 D709 D709 D709 D709 D709 D709 D709 D709	EA EA EA B1 11 A8 68 35 11 68 35 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46 A2 00 20 76 00	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $$D27C$ JSR $$D6C6$ `Poke' TXA LDY #\$00 STA (FIXED-LO), Y RTS JSR $$D6C6$ `WAIT' STX V-PNTR LDX #\$00 JSR \$0076
D6F8 D6F9 D6F9 D6F9 D6F9 D6F9 D6F9 D702 D702 D702 D704 D708 D708 D708 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 85 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46 A2 00 20 76 00 F0 29	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $$D27C$ JSR $$D6C6$ `Poke' TXA LDY $#$00$ STA (FIXED-LO),Y RTS JSR $$D6C6$ `WAIT' STX V-PNTR LDX $#$00$ JSR $$0076$ BEQ $$D745$
D6F8 D6F9 D6F8 D6F8 D6F8 D6F8 D702 D702 D704 D708 D708 D708 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 85 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 8A A0 00 91 20 C6 D6 86 46 A2 00 20 76 00 F0 29 20 CC D6	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $$D27C$ JSR $$D6C6$ `Poke' TXA LDY $$00$ STA (FIXED-LO),Y RTS JSR $$D6C6$ `WAIT' STX V-PNTR LDX $$0076$ BEQ $$D745$ JSR $$D6CC$
D6F8 D6F9 D6F9 D6F9 D6F9 D6F9 D6F9 D702 D702 D704 D709 D709 D709 D709 D709 D709 D709 D709	EA EA EA EA EA EA EA EA EA EA EA EA EA E	NOP NOP LDA (FIXED-LO),Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $$D27C$ JSR $$D6C6$ `Poke' TXA LDY $#$00$ STA (FIXED-LO),Y RTS JSR $$D6C6$ `WAIT' STX V-PNTR LDX $#$00$ JSR $$0076$ BEQ $$D745$ JSR $$D6CC$ STX V-PNTR+1
D6F8 D6F9 D6F9 D6F8 D6F8 D6F8 D702 D704 D704 D708 D708 D708 D708 D708 D713 D717 D717 D717 D717 D717 D717 D717	EA EA EA B1 11 A8 68 65 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46 A2 00 20 76 00 F0 29 20 CC D6 86 47 A0 00	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP \$D27C JSR \$D6C6 `Poke' TXA LDY #\$00 STA (FIXED-LO), Y RTS JSR \$D6C6 `WAIT' STX V-PNTR LDX #\$00 JSR \$0076 BEQ \$D745 JSR \$D6CC STX V-PNTR+1 LDY #\$00
D6F8 D6F7 D6F7 D6F7 D6F7 D6F7 D702 D708 D708 D708 D708 D708 D708 D708 D708	EA EA EA B1 11 A8 68 85 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46 A2 00 20 76 00 F0 29 20 CC D6 86 47 A0 00 E1 11 45 47	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $\pm D27C$ JSR $\pm D6C6$ 'Poke' TXA LDY ± 00 STA (FIXED-LO), Y RTS JSR $\pm D6C6$ 'WAIT' STX V-PNTR LDX ± 0076 BEQ $\pm D745$ JSR ± 0076 BEQ $\pm D745$ JSR $\pm 06CC$ STX V-PNTR+1 LDY ± 00 LDA (FIXED-LO), Y EOR V-PNTR+1
D6F8 D6F9 D6F7 D6F78 D6F782 D787 D787 D788 D788 D788 D788 D7787 D7717 D715 D715 D715 D715 D715 D715 D7	EA EA EA B1 11 A8 68 85 11 68 85 12 4C 7C D2 20 C6 D6 8A A0 00 91 11 60 20 C6 D6 86 46 A2 00 20 76 00 F0 29 20 CC D6 86 47 A0 00 E1 11	NOP NOP LDA (FIXED-LO), Y TAY PLA STA FIXED-LO PLA STA FIXED-HI JMP $\pm 027C$ JSR $\pm 06C6$ 'Poke' TXA LDY ± 00 STA (FIXED-LO), Y RTS JSR $\pm 06C6$ 'WAIT' STX V-PNTR LDX ± 0076 BEQ ± 0745 JSR $\pm 06CC$ STX V-PNTR+1 LDY ± 00 LDA (FIXED-LO), Y

D72B	60		RTS				
D720	A9 10)	LDA	#\$1D			
D72E	AØ DE		LDY	#≄DE			
D730	4C 73	D7	JMF	\$D773			
D733	20 98		JSR		•	_ '	FLP - FLP.
D736	A2 .63		LDA				
D738	49 FF		EOR				
D73A	85 63			ACC#1/S			
D73C	45 6B		EOR				
D73E	85 60		STA		F'R:		
D740	A5 5E		LDA				
<u>D742</u>		<u>D7 ·</u>	JMP		<u></u>		
D745	A5 11 C9 66		LDA CMP	-			_
D747	DØ D4			#≢66 \$D71F		TEST	
D749 D74B	A5 12			FIXED-H	т	PARAM	IETER 1
D740	E9 19		SBC	#\$19	1	=	. ~ 6502 "
D74D D74F	D0 CE		BNE	#⊅12 \$D71F			
D751	85 11			FINED-L	n		
D753	A8		TAY				
D754	A9.80			#\$80		PRIM	JT
D756	85 12		STR		I	· · · · ·	ICROSOFT!"
D758	A2 0A		LDX		_	M	
D75A		EØ	LDA				
D75D	29 3F		AND				
D75F	91 11		STA	<fixed-l< td=""><td>_0>, Y</td><td></td><td></td></fixed-l<>	_0>, Y		
D761	CS		INY				
D762	D0 02		ENE	\$D766			
D764	E6 12		INC	FIXED-HI	[
D766	CA		DEX				
D767	D0 F1			\$D75A			
D769	C6 46			V-F'NTR			
D76B	DØ EB		ENE	\$D758			•
<u>D76D</u>	68		RTS				
D76E	20 A5	D8		\$D885			
D771	98 30	50		\$D7AF			
D773 D776	20 98 D0 03	09		\$D998 \$D778	\ \ /	Annis	2 FLP. NUMBERS
D778	DØ Ø3 40 Ø8	n.e		\$DB08	`+	100 3	
D778	40 68 A6 6D			ROUND			
0770	86 53		STX				
D77F	A2 66			# \$66			
D781	A5 66			ACC#2/E			
D783	AS		TAY				
D784	FØ A5			\$D728			
D786	38		SEC				
D787	E5 5E			ACC#1./E			
D789	F0 24			\$D76F			
D788	90 12		BCC	\$D79F			
D78D	84 SE			ACC#1/E			
D78F	A4 68			ACC#2/5			
D791	84 63			ACC#1./S			
D793	49 FF			#\$FF			
D795	69 00			#\$00			
D797 D799	A0 00			#\$00			
D799 D700	84 53		STY				
D798 D798	A2 SE			#\$5E			
0790 N790	DØ 04			\$D783			
	ମତି ତିହି		L.L.''т'	井中印印			

	C9 F9		CMF	#\$F9
D783 D785	C9 F9 30 C7		EMI	#≄1.2 \$D76E
D787	88		TFI't'	
D7AS	A5 6D		LDA	ROUND
D7AA	56 01		LSR	\$01, X
D7AC		8	JSR	\$D8BC CON-COMPR
D7AF	24 6C 10 57		BPL	SGN-COMPR ≴DSØA
D781 D783	10 57 A0 5E		LDY	#\$5E
D785	EØ 66		CFX	#\$66
D787	FØ 02		BEQ	\$D788
D789	A0 66		LDY	# \$66
D788	38		SEC	
D7BC	49 FF		EOR ADC	#\$FF \$53
D7BE D7CØ	65 53 85 6D		STA	ROUND
D7C2		99	LDA	\$0004, Y
D705	F5 04		SBC	\$04, X
0707	85 62		STA	ACC#1./M4
0709		19	LDA	\$0003, Y
D7CC	F5 03		SBC	\$03, X
D7CE D7DØ	85 61 89 02 0	10	STA LDA	acc#1/M3 \$0002, y
D7D3	F5 02 C		SBC	\$02,X
D7D5	85 60		STA	ACC#1/M2
0707		10	LDA	\$0001, Y
D7DA	F5 01		SEC	\$01, X
D7DC	85 5F		STA	ACC#1/M1
D7DE	80 03 20 53 D		BCS	\$D7E3 \$D853
D7E0 D7E3	20 53 D A0 00	20	JSR LDY	*D002 #\$00
D7E5	98		TYA	14.2.6
D7E6	18		CLC	
D7E7	A6 5F		LDX	ACC#1/M1
D7E9	DØ 48		BNE	\$D835
D7EB	A6 60			ACC#1/M2
D7ED D7EF	86 5F A6 61		STX LDX	ACC#1/M1 ACC#1/M3
D7F1	86,60		STX	ACC#1/M2
D7F3	A6 62		LDX	ACC#1/M4
D7F5	86 61		STX	ACC#1/M3
07F7	A6 6D		LDX	ROUND
D7F9 D7FB	86 62		STX	ACC#1/M4 ROUND
D7FD	84 6D 69 08		STY ADC	#\$08
D7FF	C9 20		CMF	#\$20
D801	DØ E4		BNE	\$D7E7
DSØB	A9 00		LDA	#\$00
D805	85 5E		STA	ACC#1./E
D807	85 63 49		STA	ACC#1/S
D809 D808	<u>60</u> 65 53		<u>RTS</u> ADC	- \$53
D80C	85 6D		STA	ROUND
DB0E	A5 62			ACC#1/M4
D810	65 6A		ADC.	ACC#2./M4
D812	85 62		STH	ACC#1/M4
D814 D816	85 61 55 29			ACC#1/M3
	65 69 05 21		ADC CTA	日CC#2/M3 日CC#2/M3
			and the second second	

D81C	65 68	ADC ACC#2/M2
D81E	85 60	STA ACC#1/M2
D820	A5 5F	LDA ACC#1/M1
D820 D822	65 67	ADC ACC#2/M1
	85 5F	STA ACC#1/M1
D824	40 42 D8	JMP ⊈D842
D826		ADC #\$01
D829		ASL ROUND
D82B	06 6D	ROL ACC#1/M4
D82D	26 62	
DS2F	26 61	ROL ACC#1/M3
D831	26 60	ROL ACC#1/M2
D833	26 5F	ROL ACC#1/M1
D835	10 F2	BPL \$D829
D837	38	SEC
DSIS	E5 5E	SBC ACC#1/E
DSIG	80 C7	BCS \$D803
D830	49 FF	EOR #\$FF
DSBE	69 01	ADC #\$01
D840	85 5E	STA ACC#1/E
D842	90 0E	BCC \$D852
DS44	E6 5E	INC ACC#1/E
D846	FØ 42	BEQ ≴DSSA
D848	66 5F	ROR ACC#1/M1
DS4A	66 60	ROR ACC#1/M2
DS4C	66 61	ROR ACC#1/M3
D84E	66 62	ROR ACC#1/M4
D850	66 6D	ROR ROUND
D852	60	RTS
D853	A5 63	LDA ACC#1/S
D855	49 FF	EOR #\$FF
D857	85 63	STA ACC#1/S
D859	A5 5F	LDA ACC#1/M1
D858	49 FF	EOR #≉FF
DSSD	85 SF	STA ACC#1/M1
DSSF	A5 60	LDA ACC#1/M2
D861	49 FF	EOR #\$FF
D863	85 60	STA ACC#1/M2
D865	A5 61	LDA ACC#1/M3
D867	49 FF	EOR #\$FF
D869	85 61	STA ACC#1/M3
DS6B	85 62	LDA ACC#1/M4
DS6D	49 FF	EOR #\$FF
DS6F	85 62	STA ACC#1/M4
D871	A5 60	LDA ROUND
D873	49 FF	EOR #\$FF
D875	85 6D	STA ROUND
D877	E6 6D	INC ROUND
D879	D0 0E	ENE \$0889
DS7B	E6 62	INC ACC#1/M4
DS7D	DØ ØR	ENE \$D889
DS7F	E6 61	INC ACC#1/M3
D981	D0 06	ENE \$D889
D883	E6 60	INC ACC#1/M2
D885	D0 02	BNE \$D889
D887	E6 SF	INC ACC#1/M1
D889	60 	RTS
DESA	R2 45	
C05050C	4C 57 C3	LDX #\$45
DEEF	A2 22	LDX #\$22
0891	E4 04	LDY \$04,X
·		· · · · · · · ·

1893 0895 0897 08999 08999 08891 0887 0887 0887 0887 0887 0887 0887 088	84 6D 84 002 94 002 94 002 98 94 99 90 98 90 90 90 90 90 90 90 90 90 90 90 90 90 9	BMI BEQ SBC TAY LDA BCS ASL BCC INC ROR ROR ROR	\$03, X \$04, X \$02, X \$03, X \$01; X \$02, X HI-ACC-OFLO
DSCS DSDO DSDS DSEO DSES DSFO	81 00 00 56 CB 79 80 76 38 38 20 80 35 04 F3 00 80 31	00 00 80 13 93 16 35 04 34 80 72 17	03 7F 5E 9B 0B 64 82 38 AA F3 34 81 80 00 00 F8 20 37
D8F6 D8F9 D8F9 D902 D902 D902 D903 D903 D903 D903 D903 D903 D903 D903	20 37 DB F0 02 10 03 4C 23 D1 A5 5E E9 7F 48 80 A9 80 85 5E A9 E2 A0 D8 20 73 D7 A9 E7 A0 D8 20 1B DA A9 C8 20 1B DA A9 C8 D7 A0 D8 D7 <td>BEQ BPL JMP LDA SBC PHA LDA STA LDA</td> <td>\$DB37 `LOG' \$D900 \$D123 """"""""""""""""""""""""""""""""""""</td>	BEQ BPL JMP LDA SBC PHA LDA STA LDA	\$DB37 `LOG' \$D900 \$D123 """"""""""""""""""""""""""""""""""""

D929	20 73	D7	JSR	\$D773	
0920	68		PLA		
D92D	20 SA	DC	JSR	\$DC8A	
D930	A9 F1		LDA	#\$F1	
D932	A0 DS		LDY	#\$D8	
	20 98	D9	JSR	≴D998	
D934	D0 03		ENE	\$D93C	` *`
D937	4C 97	D9	JMP	\$D997	
D939		09	JSR	\$D9C3	FUP & FUP
D93C				≠C⊃C⊇ #\$00	•
D93F	A9 00				
D941	85 23		STA	\$23	
D943	85 24		STA	\$24	
D945	85 25		STA	\$25	
D947	85 26		STA	\$26	
D949	A5 6D		LDA		
D94B		D9	JSR	\$D965	
D94E	A5 62		LDA	ACC#1/M	4
D950	20 65	D9	JSR	\$D965	
D953	A5 61		LDA	ACC#1/MI	3
D955	20 65	D9	JSR	\$D965	
D958	A5 60		LDA	ACC#1/M2	2
D95A		D9	JSR	\$D965	
D95D	85 5F			ACC#1./M1	L
D95F	•••	D9	JSR	\$D96A	-
D962	4C 9B	DA	JMF	\$DR9B	
<u>D965</u>	D0 03		ENE		
D967		DS	JMP	\$DSSF	MULTIPLY - A-BIT
D96A	48		LSR	H	
D968	09 80		ORA	 #\$80	
D96D	80/ U0 88		TAY	π+C.C	
096E			BCC	\$D989	
				4U303	
D970	18		CLC	+0.5	
D971	A5 26		LDA		
D973	65 6A		RDC		+
D975	85 26		STA		
D977	A5 25		LDA		_
D979	65 69			ACC#2/M3	3
D978	85 25		STA		
D97D	A5 24		LDA		
D97F	65 68		RDC	ACC#2/M2	2
D981	85 24		STA	\$24	
D983	A5 23		LDA	\$23	
D985	65 67		ADC	ACC#2/M1	L
D987	85 23		STA	\$23	
D989	66 23		ROR	\$23	
D98B	66 24		ROR	\$ 24	
DSSD	66 25		ROR	\$25	
DSSF	66 26			\$26	
D991	66 6D			ROUND	
D993	98		TYĤ		
D994	4A		LSR	A	
D995	D0 D6		ENE	 ≴D96D	
D997	60 50		RTS		
0998	85 1F			POINTER	Kicking and Dalian To and AV
D99A	84 20			FOINTER-	-HT MEMORY POWER BY AIY
0990	A0 04			##04	$\rightarrow \text{Acc} \#2$
099E	E1 1F			(POINTER	
DEAD	85 6A			RCC#2/M4	
D982	88 88			TIUL#27114	T
LEAS LEAS	E1 1F		DEY		
L'_*!!!_			L L'H	CFOINTER	Carl Carl

D985	85	69			ACC#2/M3	
09A7	$\varepsilon tepsilon$			DEY		
D9AS	51			LDA		, Ч
DSAA	85	68		STA	ACC#2/M2	
DARD	88			DEY		
DSAD	E:1	1F		LDA		2 F
DSHF	85	68		STR	ACC#2/5	
D981		63		EOR	ACC#1/S	
D983	85			STA	SGN-COMPR	
D985	85			LDA	ACC#2/5	
D987	69			ORA	#\$80	
D989	85			STA	ACC#2/M1	
DSBB	88			DEY		
D98C	E:1	1F		LDA	(POINTER)	,Υ
D9BE		66		STA		
D900		5E		LDA		
D9C2	60			RTS		
<u>D903</u>		66		LDA	ACC#2/E	
D903 D905	FØ			BEQ		TEST
D9C3 D9C7	18			CLC		+ ADJUST
D9C8		5E			ACC#1./E	
D9C8 D9CA	90			BCC	\$D9D0	Acc#1,
D9CA D9CC	20 20	-		BMI	\$D9EB	Acc#2
DOCE	 18	→ ↓ ↓ , ,		CLC	− [−] L [−] L [−] L [−] L [−]	
		4.54		BIT	#A .A A GA	
D9CF	-	10	14	D11	\$1410	
		/			#DODG	
D9D0	10	14		BPL	\$D9E6	
D9D2		80 55		ADC	#\$80	
D9D4	85			STA	ACC#1/E	
D9D6	DØ	03 67		BNE	\$0908	
DSDS		<u>67</u>	DS		\$D807	
DSDB	A5	60		LDA		
D9DD	85	63		STA	ACC#1/S	
D9DF	କେମ୍ପ			RTS		
DSEØ		63			ACC#1/5	UNDERFLOW/
D9E2		FF		EOR		
D9E4	30	05		EMI	\$D9EB	OVER FLOW
D9E6	68			FLA		
D9E7	68			PLA		
D9E8		<u>63</u>	DS	JMP	فترتج المترج المتحد المحد فالمحد المحد والم	
D9EB	40	SĤ	08	JMP		ERFLOW"
D9EE	20	18	DE	JSR	\$D818	MULTIPLY
D9F1	ĤĤ			TAX		
D9F2	FØ	10		BEQ	\$DA04	BM
D9F4	18			CLC		-
D9F5	69	82		FIDC	#\$02	10
D9F7	80	F2		BCS	\$D9EB	
D9F9	A2	ଜନ		LDX	#\$00	
DSE	86	60			SGN-COMPR	
D9FD		83	D7		\$D783	
DAGO		5E		INC	ACC#1./E	
DA02		E7		BEQ		
DA04	69	_ ,		RTS		,
D805						··· · ·
		20	00 		-20-10-08-	- +10
DACA		18	DE	JSR	\$D 81 8	DIVIDE BY
DADD		95		LDA	##05 +10	
DHOF	Ħ₽	DĤ		노마무	#≇DH +10	10
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DA13	86 6C			SGN-COMPI				
DA15	20 AE	DH	JSR					
DA18	4C 1E	DA	JMF					
DA1E	20 98	09	JSR	<u>≉D998</u>			EI P	NUM BERS
DH1E	FØ 76		BEQ	\$DA96	`'	DIVIDE	[]].	
DA20	20 27	DE	JSR	\$DB27	•			
DA23	A9 00		LDA	#\$00				
DA25	38		SEC					
DA26	E5 5E			ACC#1/E				
DA28	85 5E		STA					
DA28	20 C3	D9	JSR					
DA2D	E6 5E	• -		RCC#1/E				
DR2F	FØ BA		EEQ					
DA31	R2 FC		LDX					
DAJJ	A9 01		LDA					
	A4 67		LDY					
DA35 DORZ	C4 5F		CFY					
DA37			BNE					
DA39			LDY					
DABB								
DABD	C4 60		CFY					
DABE	DØ ØA		ENE	\$DA4B				
DA41	A4 69		LDY					
DA43	C4 61		CFY					
DA45	DØ 04		ENE					
DH47	A4 6A		LDY					
DA49	C4 62		CFY	ACC#1/M4				
DA4E	08		PHF					
DA4C	2A		ROL	fi				
DA4D	90 09		BCC	\$DA58				
DA4F	ES		INX					
DASØ	95 26		STA					
DA52	FØ 32		EEQ	\$DA86				
DA54	10 34		BPL	\$DASA				
DAS6	A9 01			#\$01				
DA28	28		FLF					
DA59	80 0E			\$DA69				
DASB	06 6A		ASL	ACC#2/M4				
DASD	26 69		ROL	ACC#2/M3				
DASF	26 68		ROL	ACC#2/M2				
DA61	26 67		ROL	ACC#2/M1				
DAEB	80 E6		BCS	\$DA4B				
DA65	30 CE		EMI	\$DA35				
DA67	<u>10 E2</u>		EPL	<u>\$DA4B</u>				
DHES	AS		TAY	_				
DH6A	A5 6A			ACC#2/M4				
DAEC	E5 62		SEC	ACC#1./M4				
DAGE	85 6A		STA	ACC#2/M4				
DA70	A5 69			ACC#2/M3				
DA72	E5 61		SBC	ACC#1/M3				
DA74	85 69		STA	ACC#27M3				
DA76	A5 68		LDA	ACC#2/M2				
DA78	E5 60		SEC	ACC#1/M2				
DA7A	85 68.		STA	ACC#2/M2				
DA7C ,	AS 67			ACC#2/M1				
DA7E	E5 5F		SEC	ACC#1/M1				
DASO	85 67		STA	ACC#2/M1				
DA82	98		T'FĤ					
DASE	<u>,40 56</u>	CiA	Jt1F	≢DR5B				
DHSE	H9 40		LDA	#\$40				

DASA	ФĤ	Ē:	ΞL	A						
L'ASB	ØA	A:	5L	A						
DASC	ØA	FI	ΞL	Ĥ						
	0A		5L	R						
DASD			5L	ค						
DASE	ØA									
DASF	0A		5L	A						
DASQ	85 6D		TĤ	ROUND						
D892	28	PI PI	_P							
DH93	4C 9B	DA JI	1P	≴DA9B						
DA96	A2 85		22	#\$85	" DIVI	SION	BY ZEA	20"		
	• • • • •		1F		•					
DA98	A5 23	the second s	- A	\$23						
DASB				ACC#1/	ма					
DASD	85 5F				1.17					
DA9F	A5 24			\$24						
DAA1	85 60			ACC#1/	MΞ					
DAAB	A5 25	LI)Ħ	\$2 5						
DAAS	85 61	S	ΓĤ	ACC#1/	M3					
DAA7	A5 26)H	\$26						
DRA9	85 62	5	TA	ACC#1/	M4					
			ηP	\$D7E3						
DHAB	the second s				D					
DHHE				FUINTE	r. r. 117	HOIL N	1 EMOR	OZINIOF Y	10 34	A.Y
DAEØ	84 20				K-HI				-	• •
DAB2	A0 04		<u>></u> Y	# ≠ 04			-> A c	·C#1		
DAB4	81 1F)H	CPOINT		Y				
DAB6	85 62	S	T A	HCC#1./	M4					
DABS	88	DE	ΞΨ							
DAB9	E:1 1F	L)A	KPOINT	ER)	Y				
DREE	85 61	5.	ΓĤ	ACC#1/	MB					
DABD	88		Ξ¥							
DABE	E1 1F		>A	(POINT)	FF1.	Ų				
			ΓA	ACC#1/		•				
DACO	85 60				11-1					
DAC2	88		EY							
DAC3	E1 1F		PH -			ጉ'				
DACS	85 63			ACC#1/9	5					
DAC7	09 80	CIF	R/	#\$80						
DAC9	85 5F	51	FA 1	ACC#1/	M1					
DACE	88	DE	ΞΨ							
DACC	E:1 1F		'n	(POINT!	ER	Υ				
DACE	85 5E			ACC#1/		•				ć
DADØ	84 6D			ROUND						(
				RUCHU						
DAD2	68	F:T	_							
DADB	A2 59			#\$59		N	ا لد			
DAD5	2C R2	54 81	. 1	\$54A2		Acc	- 开			
	///						MENOF	24		
DADE	A2 54			#\$54						
DADS	A0 00			#\$00						
DADA	F0 04	E:E	ΞQ	\$DAE0						
DADC	A6 46	LD	2×1	V-PNTR						
DADE	A4 47		γų	V-PNTR-	+1					
DAEO				\$DB27						
DAES	86 1F			FOINTE	E.					
DAES										
	84 20			POINTER	~ ~~1					
DAE7	A0 04		24							
DAE9	85 62			ACC#1/1						
LHEB	91 1F		٢Ħ	(POINT)	ER),	<mark>ጉ</mark>				
DAED	88	DE	5 '+'							
LHEE	A5 61		ΡĤ	ACC#1/1	MB					
DHEB	91 1F	S	ΓĤ	(POINT	ER))	Ŷ				
DFIFZ	8:8		E' Y '							
r -	ំការ ពាក		-		n C					
					•					

	91 1F	STA	(POINTER),	'F '
DAF5	88	DEY		
DAF7		LDA	ACC#1/S	
DAFS	1.1-	ORA	#\$7F	
DAFA	09 7F	AND	HCC#1./M1	
DAFC	25 5F			
DAFE	91 1F	STA	(POINTER),	Ť
DEGO	88	DEY		
DB01	A5 5E	LDA	ACC#1/E	
DB03	91 1F	STA	(POINTER),	Ŷ
0805	84 6D	STÝ	ROUND	
DB07	60	RTS	•	
DEGR	H5 68	LDA	ACC#275	0.00 # 7
	85 63	STR	HCC#1/5	Ace#2
DEGA		LDX	#\$05	->Acc#1
DBØC			HI-ACC-OFL	0. X
DEGE		STA	WK-ROINTR+	
DB10	95 5D			T) V
DE12	CA	DEX		
DE13	DØ F9	BNE	\$DBØE	
DB15	86 6D	STX	ROUND	
DE:17	68	RTS		
DE:18	20.27 0	DB JSR	\$DB27	ACC4N#1
DE:16	A2 06	LDX	#\$06	
DE1D	85 5D	LDA	WK-POINTR+	1,× →AC#2
DB1F	95 65	STA	HI-ACC-OFL	
DE 21	CR	DEX		
DE22	DØ F9	BNE	\$DB1D	
DB22 DB24	86 6D	STX	ROUND	
		RTS	N.C.C.N.C	
DE:26	60		1717-17144 A	
DB27	A5 5E	LDA	HCC#1/E	LOUND
DE29	FØ FB	BEQ	40.020	
DE:2B	06 6D	ASL	ROUND	Accum#1
DB2D	90 F7	BCC	\$D826	
DB2F	20 78 [>8 JSR	\$D878	
D832	DØ F2	ENE	\$DB26	
DB34	4C 44 D	S JMP	≴D844	
DB37	A5 5E		ACC#1/E	
DB39	F0 09	BEQ	\$DB44	
DB3B	A5 63	LDA		
DEBD	28	ROL	A	
DEBE	A9 FF	LDA	,, #\$FF	
DE40	80 82		#₽0 \$DB44	
DE42	A9 01		+00 #=01	
		LDA	440 <u>1</u>	
<u>DE:44</u>	60	RTS		
DE45			\$DB37 000#4 /M4	'SGN'
DE48	85 5F		ACC#1/M1	
DE:4A	89 00	LDA	#\$00	
DE:4C	85 60		ACC#1/M2	
DE:4E	A2 88	LD×	#\$88	
DESØ	A5 5F	LDA	ACC#1/M1	
DE:52	49 FF	EOR	#\$FF	
DE:54	28	ROL	Ĥ	
DE:55	A9 00	LDA	#\$00	
DES7	85 62		ACC#1./114	
DB:59	85 61		ACC#1/M3	
DE:SE	86 5E		ACC#1/E	
DESD	85 6D		ROUND	
DESF	85 63	STA	ACC#1/S	
LIEIEI4	the state of the s	<u></u>	\$D7DE	
L L	46 6 <u>2</u>	LEF	HCC#1/5	'ARC'

D867 D869	85 21 84 22	STA STY	\$21 \$22	COMPARE
dege Deged	A0 00 B1 21	LDY LDA	#≠00 (\$21), Y	Accum#1 To
DESF	C:8	INY Tow		MENORY
D870 D871	AA F0 C4	TAX BEQ	\$D837	FIERDEN
DB73	B1 21	LDA	(\$21), Y	
DB75	45 63	EOR BMI	ACC#1/S ≴DB3B	
D877 D879	30 C2 E4 5E	CPX	ACC#1/E	
DB7B	DØ 21	BNE	\$DB9E	
DB7D	81 21 89 80	LDA ORA	(\$21),Y #\$80	
DB7F DB81	05 5F	CMP	ACC#1/M1	
DERS	DØ 19	ENE	\$DB9E	
DB85 DB86	CS B1 21	INY LDA	(≰21), Ч	
DB88	C5 60	CMP	ACC#1/M2	
DESA	DØ 12	ENE	\$DB9E	
DBSC DBSD	C8 B1 21	INY LDA	(\$21), ∀	
DESF	C5 61	CMP	ACC#1/M3	
DB91	DØ ØB	BNE INY	\$DB9E	
DB93 DB94	C8 A9 7F	LDA	#\$7F	
DE96	C5 6D	CMP	ROUND	
DB98 DB9A	81 21 E5 62	LDA SBC	(\$21)、Y ACC#1/M4	
DB9C	E0 02 F0 28	BEQ	≴DBC6	
DE9E	A5 63	LDA	HCC#1/S	
DBAØ DBA2	90 02 49 FF	ECC EOR	\$D8A4 #\$FF	
DEA4	40 30 DB	JMP	\$DB3D	
DBA7	AS 5E	LDA BEQ	ACC#1/E ≰DBF5	FLOAT
DBA9 DBAB	FØ 4A 38	SEC	÷udf J	\rightarrow
DEAC	E9 A0	SBC	#\$A0	FIXED
DEAE DEE0	24 63 10 09	BIT BPL	ACC#1/5 \$DBBB	
DBB2	AA	TAX	+0000	
DEE3	A9 FF			0
D885 D887	85 65 20 59 D8	STA JSR	HI-ACC-ÓFI ≰D859	_0
DEEA	SA	TXA		
DEEE DEED	A2 5E C9 F9		#\$5E #\$F9	
DEEF	10 06		#≠r⊃ \$DBC7	
DEC1	20 A5 D8		\$D8A5	_
DEC4 DEC6	84 65 60	STY RTS	HI-ACC-OFL	_0
DBC7		TRY	-	
DBCS	A5 63		ACC#1r'S	
DBCC DBCC	29 80 46 5F	LSR	#\$80 ACC#1/M1	
DECE	05 SF	ORA	ACC#1/M1	
0800 0802	85 5F 20 BC D8		ACC#1/M1	
DE:DE	20 BU D8 84 65		≉DSBC HI-ACC-OFI	_0

E. E. E. S.	H5 5E	LDA ACC#1/E 'INT'
DEDS	C9 A0	CMP #\$80
DEDA		BCS \$DBFE
DBDC	BØ 20	JSR ⊈DBA7
DEDE	20 A7 DB	
DEE1	84 6D	STY ROUND
DBE3	A5 63	LDA ACC#1/S
DBE5	84 63	STY ACC#1/S
	49 80	EOR #\$80
DBE7		ROL A
DBES	28	LDA #\$A0
DEEA	A9 A0	
DBEC	85 5E	STA ACC#1/E
DEEE	A5 62	LDA ACC#1/M4
DEFO	85 03	STA \$03
DEF2	40 DE D7	JMP \$D7DE
	85 5F	STA ACC#1/M1
DBF5	_	STA ACC#1/M2
DEF7	85 60	
DBF9	85 61	STA ACC#1/M3
DEFE	85 62	STA ACC#1/M4
DBFD	AS .	TAY
DEFE	60	RTS
DBFF	A0 00	
DC01	A2 0A	LDY #\$00 CONVERT
		STY \$5A, X STRING
DCØB		
DC05	CA	DEX To
DCØ6	10 FB	BPL \$DUUS
DCØS	90 0F	
DCØA	C9 2D	CMP #\$2D POINT
DCOC	DØ 04	BNE \$DC12
DCGE	86 64	STX CON-CNTHI
DC10		
DC12	C9 2B	CMP ##28
DC14	DØ 05	BNE ⊈DC1B
DC16	20 70.00	JSR \$0070
DC19	90 5B	BCC \$DC76
DC1B	C9 2E	CMP ##2E
DC1D	F0 2E	BEQ \$DC4D
DC1F	C9 45	CMF #\$45
DC21	DØ 30	BNE \$DC53
DC23	20 70 00	JSR \$0070
DC26	90 17	BCC ≴DC3F
DC28	C9 AB	CMP #\$AB
DC2A	FORE	BEQ \$DC3A
DC2C	C9 2D	
DC2E	F0 0A	BEQ \$DC3A
DCEB	C9 AA	CMP ##AA
DC32	F0 08	BEQ \$DC3C
DCB4	C9 28	CMP ##28
DCB6	F0 04	BEQ ≢DC3C
DC38	D0 07	ENE \$DC41
DCBA	66 5D	•
		ROR WK-POINTR+1
DCBC	20 70 00	JSR \$0070
DC3F	90 SC	BCC \$DC9D
DC41	24 SD	BIT WK-POINTR+1
DC4B	10 0E	BPL #DC53
DC45	89 00	LDA #\$00
DC47	38	SEC
0048		
	E5 58	SBC \$5B
DC4A	40 55 DC	<u>JMP \$0055</u>
[•[]]][•]	RE SC	ROR WE-FOINTR
	-	COLUMN CONTRACT

DC51		C3				\$DC16					
DC53	85			LDF SEC		\$5B					
DC55	38 E5			SBC		\$5A					
DC56 DC56	85			STA		‡58 \$58					
DC58 DC5A	FØ			EEG		≠DC6E					
DC5C	10			EPL		\$DC67					
DC5E	20		DA			\$DAØA					
DC61	EG			INC		\$5E					
DC63	DØ			EINE		\$DC5E					
DC65	FØ	07		BEG) 1	\$DC6E					
DCE7	20	EE	D9	JSR	2 3	\$D9EE					
DCER	C6			DEC		\$5E					
DCEC	DØ			BNE		\$DC67					
DC6E	85					CON-CI	IHTV				
DC70	30	01		BMI		\$DC73					
DC72	<u>60</u>			RTS							
DC73	<u>4C</u>		DE	JMF		FDER1					
DC76	48			FHF			• • • • • • • • •				
DC77	24					AK-PO	INTR				
DC79	10			BPL		\$DC7D					
DC7B	E6		na	INC		\$5A					
	20 68	EE	D9	JSR PLA		D9EE					
DCSØ DCS1	28			SEC							
DCS2	50 E9	30		58C		‡\$30					
DC84	20	SA	DC	JSR		FPCSA					
DC87	4C	16	DC	JMP		DC16					
DCSA	48	<u> </u>	<u> </u>	F'HĤ							
DCSE	20	18	DB			DE13			. NE	ω	
DCSE	68			PLA				AS	5C11		
DCSF	20	48	DB	JSR	4	FDE48		D	ICIT		
DC92	A5	68		LDA	F	ACC#2/	' S	0			
DC94	45	63		EOR	F	ACC:#1,	'S				
DC96		60		STA		SGN-CC					
DC98		5E				ACC#1/	Έ				
DC9R	<u>4C</u>	76	70	JMP	_	D776	-				
DC9D	85			LDA		5B					
DC9F	C9			CMP		‡\$0A					
DCA1	90			BCC		DCAC					
DCA3	R9			LDA		‡\$64 ₩< 501					
DCA5 DCA7		5D 11		BIT Emi		VR - PUI FDCBA	INTR+1				
DCA9		SA	r:c	JMF			"OVERFLO	· 4. · ·			
DCRC	0A		<u> </u>	ASL	_		UVERI C				
DCAD	ØA			ASL							
DCAE	18			CLC		•					
DCAF		58		ADC		5B					
DCB1	ØA			ASL							
DCB2	18			CLC							
DCB3	AØ	ଷଡ				t\$00					
DCES	71	77		ADC	<	BASIC	-ADDS	>> Y -			
DCB7	38			SEC							
DCBS	E9			SBC		1\$30 					
DCER		5B		STA		5B					
<u>E-C'E-C</u>	40	30	DC	JMF	3	DCBC					
DOBF	9E:	βΕ	E:C	1F FD	Ģ	E EE	6E				

DCDØ DCD2 DCD5 DCD7 DCD9 DCD8 DCD8 DCD8 DCD8 DCD8 DCB0 DCE3 DCE3 DCE6	A0 C2 20 E6 DC A5 37 A6 36 85 5F 86 60 A2 90 38 20 55 DB 20 E9 DC 4C 1C CA	LDY ##C2 JSR #DCE6 LDA BASIC-LINE#+1 LDX BASIC-LINE# STA ACC#1./M1 STX ACC#1./M2 LDX ##90 $FLOAT$ SEC $Acc#/$ JSR #DB55 JSR #DCE9 CONVERT TO ASCU JMP #CA1C PRINT IT!
DCE9 DCEB	A0 01 . A9 20	LDY #\$01 CONVERT FLPONT LDA #\$20 TA
DCED	24 63	ELT ACC#1/S BEL SDOFT ASCH
DCEF DCF1	10 02 A9 2D	BPL \$DCF3 7000 LDA #\$2D
DCF3	99 FF 00	STA \$00FF, Y
DCF6	85 63	STA ACC#1/S
DCF8	84 6E	STY \$6E INY
DCFA DCFB	C8 A9 30	LDA #\$30
DCFD	A6 5E	LDX ACC#1/E
DCFF	D0 03	ENE \$DD04
DD01 DD04	4C 10 DE A9 00	JMP \$DE10 LDA #\$00
DD06	E0 80	CPX #\$80
DD88	F0 02	BEQ ≄DDØC
DD0A DD0A	80 09 A9 C9	BCS \$DD15 LDA #\$C9
DDØC DDØE	89 C9 A0 DC	LDA #\$C9 LDY #\$DC
DD10	20 34 D9	JSR \$D934
DD13	A9 F7	LDA #\$F7
DD15 DD17	85 5A A9 C4	STA \$5A LDA #\$C4
DD19	AØ DC	
DD18	20 67 DB	JSR ≇DB67
DD1E DD20	FØ 1E 10 12	BEQ \$DD3E BPL \$DD34
DD20 DD22	10 12 A9 BF	LDA #\$BF
DD24	A0 DC	LDY #\$DC
DD26	20 67 DB	JSR \$DB67
DD29 DD28	F0.02 10 0E	BEQ ≸DD2D BPL ≸DD3B
DD2D	20 EE D9	JSR \$D9EE
DD30	C6 5A	DEC \$5A
DD32 DD34	DØ EE 20 0a da	BNE \$DD22 JSR \$DA0A
DDB7	20 0A DA E6 5A	INC \$58
DDB9	DØ DC	ENE #DD17
DDBB	20 20 D7	JSR \$0720
DDBE DD41	20 A7 DB A2 01	JSR \$DBA7 LDX #\$01
DD43	AS SA	LDA \$5A
DD45 DD45	18	CLC
DD46 DD48	69 0A 30 09	ADC #\$0A BMI \$DD53
004A	C9 08	CMP #\$0B
DD:40	80 06	BCS #DD54
LIC4E	69 FF	白印C: 井牟氏氏 大学学

DD51	A9 02	LDA #\$02
0053	38	SEC
DD54	E9 02	550 #\$02 570 #\$0
0056	85 5B	STA \$58 STX \$5A
DD58	86 5A	TX8
DD5A	8A Fø 02	BEQ \$DD5F
DD5B	10 13	BPL \$0072
DDSD DDSF	A4 6E	LDY \$6E
DD61	A9 2E	LDA #\$2E
DD63	C8	INY
DD64	99 FF 00	STA \$00FF,Y
0067	SA	TXA
DDES	F0 06	BEQ \$DD70
DD6A	A9 30	LDA #\$30
DDEC	C8	INY
DD6D	99 FF 00	STA \$00FF,Y
DD70	84 6E	STY \$6E
DD72	A0 00	LDY #\$00 LDX #\$80
	A2 80 A5 62	LDX #\$80 LDA ACC#1/M4
DD76 DD78	18	
DD73 DD79	79 25 DE	ADC \$DE25,Y
DD7C	85 62	STA ACC#1/M4
DD7E	85 61	LDA ACC#1/M3
DDSO	79 24 DE	ADC \$DE24, Y
DDS3	85 61	STA ACC#1/M3
DD85	A5 60	LDA ACC#1/M2
DDS7	79 23 DE	ADC \$DE23,Y
DDSA	85 60	STA ACC#1/M2
DDSC	A5 5F	LDA ACC#1/M1
DDBE	79 22 DE	ADC \$DE22,Y
DD91	85 5F	STA ACC#1/M1
DD93	E8	INX
DD94	BØ 04	BCS \$DD9A
0096	10 DE	BPL \$DD76
DD98 DD9A	<u>30 02</u> 30 DA	BMI \$DD9C
DD9C	30 da Sa	EMI ≴DD76 TXA
DD9D	90 04	BCC \$DDA3
DD9F	49 FF	EOR #\$FF
DDH1	69 0A	ADC #\$0A
DDAB	69 2F	ADC #\$2F
DDAS	C8	INY
DDAG	CS	I 1·1·1
DDA7	C8	INY
DDAS	CS	I 1-1'+'
DDA9	84 44	STY V-ADDS
DDAE	A4 6E	LDY \$6E
DDAD	C8	INY
DDAE DDAF	88 29 7F	TAX CND ##75
DDB1	29 7F 99 FF 00	AND #\$7F Sto #0055 V
0084	22 FF 00 C6 5A	STA \$00FF,Y DEC \$5A
DDB6	D0 06	BNE \$DDBE
DDBS	A9 2E	LDA #\$2E
C·C·E·A	C:8	INY
D'D'E'E'	99 FF 00	STA \$00FF,Y
L 'L'EE	84 EE	STY #6E

30 20 18 DB A9 1D A0 DE

DE55 CESD

	_		
DDC2	8A	TXA Foo Heff	
DDCB	49 FF	EOR ##FF	
DDC5	29 80	AND #\$80	
DDC7	AA	TAX	
DDCS	CØ 24	CFY #≠24	
DDCA	FØ 04	BEQ \$DDD0	
DDCC	00.30	CFY #\$30	
DDCE	DØ A6	ENE \$DD76	
DDDØ	A4 6E	LDY \$6E	
DDD2	89 FF 00		
DDD5	88	DEY	
DDD6	C9 30	CMP #\$30 °¢″	
DDDS	FØ F8	BEQ \$DDD2	
DDDA	C9 2E	CMF'#\$2E ~-"	
DDDC	F0 01	EEQ \$DDDF	
DDDE	CS	INY	
DDDF	A9 28	LDA #\$28 "+"	
DDE1	A6 58	LDX \$5B	
DDEB	FØ 2E	BEQ \$DE13	
DDE5	10 08	BPL \$DDEF	
DDE7	A9 00	LDA #\$00	
DDE9	38.	SEC	
DDEA	E5 58	SBC \$58	
DDEC	AA	тах	
DDED	A9 20	LDA #\$2D ~~ "	
DDEF	99 01 01	STA \$0101,Y	
DDF2	A9 45	LDA #\$45 `E "	
DDF4	99 00 01	STA \$0100,Y	
DDF7	SA	TXA	
DDFS	82 2F	LDX #\$2F	
DDFA	38	SEC	
DDFB	E8	INX	
DDFC.	E9 ØA	SBC #≉0A	
DDFE	BØ FB	BCS ≉DDFB	
DEØØ	69 3A	ADC #\$3A	
DE02	99 03 01	STA \$0103,Y	
DE05	8A	TXA	
DE06	99 02 01	STA \$0102,Y	
DE09	A9 00	LDA #\$00	
DEØB	99 04 01	STA \$0104.Y	
DEØE	F0 08	EEQ \$DE18	
DE10	99 FF 00	STA \$00FF, Y	
DE13	A9 00	LDA #\$00	
DE15	99 00 01	STA \$0100, Y	
DE18	A9 00	LDA #\$00	
DE1A	A0 01	LD9 #\$01	
DE1C	60	RTS	
DE1D	80 00 00	00 00 FA 0A 1F	
DE25	00 00 98	96 80 FF F0 BD	
DE2D	C0 00 01	86 A0 FF FF D8	
DE35	F0 00 00	03 ES FF FF FF	
DEBD	90 00 90	00 0A FF FF FF	
DE45	FF FF DF	0A 80 00 03 48	
DE4D	C0 FF FF		
DE55	10 FF FF	FD AS 00 00 00	
DESD		DE 89 1D 80 DE	

		-		# 5 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	5
DE63	- AØ DE 20 AE		LDY JSR	#≴DE 70. \$DAAE	
DE6S DE68	F0 70		BEQ	\$DEDA	▶↑/ FLP ↑ FLP.
DE6A	A5 60		LDA	ACC#2/E	i
DESC	D0 0		BNE	\$DE71	
DE6E	40 05	5 DS	JMP	\$D805_	
DE71	H2 48	3	LD×	#\$48	
DE73	AØ 00		<u> </u>	#\$00	
DE75	20 E(JSR	\$DAE0	
DE78	A5 68			ACC#2/S	
DE7A	10 ØF		BPL	\$DESB ¢DDD00	
DE7C	20 D8 89 48		JSR LDA	≴DBD8 #≄4B	
DE7F	A9 48 A0 00			#\$00	
DES1 DES3	20 67		JSR	#D867	
DESS	DØ 03		ENE	\$DESB	
DESS	98	-	• TYA		
DE89	R4 03	\$	ヒワヤ	\$Ø3	
DESB	20 OF	A DE	JSR	\$DBØA	
DESE	98		T ነት ጠ		
DESF	48		PHA		
DE90	20 Fé		JSR	\$D8F6	
DE93	R9 4E			#\$4B	
DE95 DE97	- A0- 00 - 20- 34		LDY JSR	#\$00 \$D934	
DE97 DE9A	20 34 20 DF		JSR	≠DEDA	
DESD	68		PLA	+02011	
DESE	4A		LSR	8	
DESF	90 OP	4	BCC	≴DEAB	
	A5 56				
DEA1	- ה ני נים		LDA	ACC#1/E	MONADIC '-'
DEAI	F0 06		BEQ	ACC#1/E \$DEAB	MONHDIC
		5			MONHDIC
DEAB	FØ Ø6 85 63 49 FF	5	BEQ "LDA EOR	≉DEAB ACC#1/S #≄FF	MONHDIC
DEA3 DEA5 DEA7 DEA9	FØ 06 A5 63 49 FF 85 63	5	BEQ LDA EOR STA	\$DEAB ACC#1/S	MONHDIC
DEA3 DEA5 DEA7	FØ Ø6 85 63 49 FF	5	BEQ "LDA EOR	≉DEAB ACC#1/S #≄FF	MONHDIC
DEA3 DEA5 DEA7 DEA9	FØ 06 A5 63 49 FF 85 63	5	BEQ LDA EOR STA	≉DEAB ACC#1/S #≄FF	MONHDIC -
DEA3 DEA5 DEA7 DEA9 <u>DEA8</u>	FØ 06 R5 63 49 FF 85 63 60	5 5 5 5 6 8 AA	BEQ "LDA EOR STA RTS	\$DEAB ACC#1/S #\$FF ACC#1/S	MONHDIC
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEAC DE84 DE8C	F0 06 R5 63 49 FF 85 63 60 81 38 58 38 77 2F	8 AA 5 56 7 EE	BEQ LDA EOR STA RTS 38 29 74 16 E3 85	\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84	MONHDIC
DEA3 DEA5 DEA7 DEA9 <u>DEA8</u> DEAC DEB4 DEBC DEC4	F0 06 R5 63 49 FF 85 63 60 81 38 58 38 77 2F 1C 2F	5 5 7 8 8 9 5 6 7 6 7 7 0	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E</pre>	MONHDIC
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DE84 DE80 DE04 DE00	F0 06 R5 63 49 FF 85 63 60 81 38 58 38 77 2F 10 2F 75 FD	8 5 E C 7	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59 C6 80	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 18 7A 1D 84 58 0A 7E 31 72 18</pre>	MONHDIC
DEA3 DEA5 DEA7 DEA9 <u>DEA8</u> DEAC DEB4 DEBC DEC4	F0 06 R5 63 49 FF 85 63 60 81 38 58 38 77 2F 10 2F 75 FD	5 5 7 8 8 9 5 6 7 6 7 7 0	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E</pre>	MONHDIC
DEA3 DEA5 DEA7 DEA9 DEA8 DEA0 DEB4 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4	F0 06 R5 63 49 FF 85 63 60 81 38 58 38 77 2F 10 81 R9 A0	AA 55 7 7 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	BEQ LDA EOR STA RTS 38 29 74 16 E3 85 63 59 C6 80 00 00 LDA	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEB4 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	F0 06 R5 63 49 FF 85 63 60 81 38 77 2F 10 81 A9 A0 A0 DE	AA65277	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59 C6 80 00 00 LDA LDA	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$DE</pre>	`EXP'
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	F0 06 R5 63 49 FF 85 63 60 81 38 58 3E 77 2F 10 81 R9 AC 80 DE 20 34	AA 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59 C6 80 00 00 LDA LDY JSR	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$DE \$D934</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	F0 06 R5 63 49 FF 85 63 60 81 38 77 2F 10 81 R9 A0 A0 DE 20 34 A5 6D	AA 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59 C6 80 00 00 LDA LDA LDA LDA	<pre>\$DEAB ACC#1./S #\$FF ACC#1./S 07 71 34 7E B3 18 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$DE \$D934 ROUND</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA0 DEA0 DEB4 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	F0 06 R5 63 49 FF 85 63 60 81 38 77 2F 10 81 A9 A0 80 34 A9 50 69 50	A 5 E 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59 C6 80 00 00 LDA LDA LDY JSR LDA ADC	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$AC #\$AC #\$AC #\$AC #\$</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEB4 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	F0 06 R5 63 49 FF 80 38 60 38 77 2F 10 81 77 2F 10 81 70 81 70 81 70 81 70 81 70 81 70 81 70 81 70 81 70 81 80 30 80 30 90 93	A 5 E 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	BEQ LDA EOR STA RTS 3B 29 74 16 E3 85 63 59 C6 80 00 00 LDA LDA LDY JSR LDA ADC BCC	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$DEEA</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	FØ 06 A9 63 49 63 60 38 60 38 71 38 72 20 81 38 77 20 81 39 82 77 10 80 83 80 84 80 85 81 86 81 87 81 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30	AA65EC7 8 5EC77 9 09 9 09	BEQ LDA EOR STA RTS 3B 29 74 16 E3 89 63 59 C6 80 00 00 LDA LDY JSR LDA ADC BCC JSR	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$DEEA \$DEEA \$DE2F</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEA4 DEB0 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4	FØ 06 A9 63 49 63 60 38 60 38 71 25 81 35 71 25 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30	AA 5 5 7 5 7 5 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 9 9 7 7 7 9 9 9 7 7 7 9 9 9 9	BEQ LDA EOR STA RTS 3B 29 74 16 E3 59 C6 80 00 00 LDA LDA LDY JSR LDA ADC BCC JSR STA	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA \$DEEA</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	FØ 06 A9 63 49 63 60 38 60 38 71 38 72 20 81 38 77 20 81 39 82 77 10 80 83 80 84 80 85 81 86 81 87 81 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30 80 30	A 5 E 7 E 00 D B D B D B	BEQ LDA EOR STA RTS 3B 29 74 16 E3 89 63 59 C6 80 00 00 LDA LDY JSR LDA ADC BCC JSR	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$DEEA \$DEEA \$DE2F</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA0 DEA0 DEA0 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4	F0 06 R5 63 49 63 60 38 60 38 77 26 81 38 77 26 81 38 77 26 81 39 82 60 83 60 84 60 85 60 84 60 85 60 86 60 87 60 89 60 90 25 20 53 20 53	A 5 E 7 E 0 D 9 D 8 D 8 D 8	BEQ LDA EOR STA RTS 3B 29 74 16 E3 59 63 59 66 80 00 00 LDA LDA LDY JSR LDA ADC STA STA JSR	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$D834 \$D82F \$D81B</pre>	
DEA3 DEA5 DEA7 DEA9 DEA8 DEA8 DEA0 DEA0 DEB4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC4 DEC	FØ 06 A9 63 49 63 60 38 70 38 71 70 70 30 71 70 70 30 71 70 70 70 71 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70	AA6EC770 D9 D8 D8 D8	BEQ LDA EOR STA STA STA B 29 74 16 E3 59 63 59 66 00 00 00 LDA LDA LDY JSR LDA ADC STA JSR LDA	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D81B ACC#1/E #\$88 \$DEFS</pre>	
DEAS DEAS DEAS DEAS DEAS DEAS DEAS DEAS	F0 06 A9 63 49 63 60 38 70 70 80 70 71 70 70 70 71 70 70 70 71 70 70 70 71 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70 70	AA6E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA66E7770 BA67770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA77770 BA777770 BA77770 BA777700 BA7777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA777700 BA7777000 BA7777000 BA77770000000000	BEQ LDA EOR STA STA STA STA STA STA STA LDA STA LDA STA STA STA STA STA STA STA STA STA ST	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$D818 ACC#1/E #\$88 \$DEFS \$D9E0</pre>	
DEAS DEAS DEAS DEAS DEAS DEAS DEAS DEAS	F0 06 F0 63 F0 63 F0 63 F0 70 F0 70	A 5 E 7 7 8 A 5 E 7 7 8 D 9 D 9 D 9 D 9 D 9 D 9 D 9 D 9	BEQ LDA EOR RTS 38 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$D818 ACC#1/E #\$88 \$DEF8 \$DEF8 \$D9E0 \$D8D8</pre>	
DEAS DEAS DEAS DEAS DEAS DEAS DEAS DEAS	F0 06 F0 67 F0 67 F0 76 F0 70 F0 70	A 5 E 7 7 8 A 5 E 7 7 8 D 9 D 9 D 9 D 9 D 9 D 9 D 9 D 9	BEQ LDA EOR RTS 3B 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 27 27 27 27 27 27 27 27 27 27 27 27 27	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$D818 ACC#1/E #\$88 \$DEFS \$D9E0</pre>	
DEAS DEAS DEAS DEAS DEAS DEAS DEAS DEAS	F0 06 F0 63 F0 63 F0 63 F0 70 F0 70	AA6EC770 D9 D8 D8 D8	BEQ LDA EOR RTS 38 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 26 29 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	<pre>\$DEAB ACC#1/S #\$FF ACC#1/S 07 71 34 7E B3 1B 7A 1D 84 58 0A 7E 31 72 18 00 A9 AC #\$AC #\$AC #\$AC #\$AC #\$AC #\$DE \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 ROUND #\$50 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D934 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D954 \$D9564 \$D956 \$D95656 \$D95656 \$D95656 \$D956</pre>	

DF00 DF02 DF03 DF05	FØ F3 38 E9 Ø1 48	BEQ ≉DEF5 SEC SBC #≉01 FHA
DF05	A2 05	LDX #\$05
DF08	85 66	LDA ACC#2/E,X
DFØR	64 5E	LDY ACC#1/E/X
DFØC	95 5E	STA ACC#1/E/X
DFØE	94 66	STY HCC#2/E/X
DF10	CĤ	DEX
DF11	10 F5	BPL \$DF08
DF13	A5 53	LDA \$53
DF15	85 6D 20 36 D7	STA ROUND JSR \$D736
DF17	20 36 D7 20 A1 DE	JSR \$DEA1
DF1A DF1D	89 B1	LDA #\$B1
DF1F	AØ DE	
DF21	20 43 DF	JSR \$DF43
DF24	A9 00	LDA #\$00
DF26	85 60	STA SGN-COMPR
DF28	68	PLA
DF29	20 C5 D9	JSR ≴D9C5
DF2C	60	RTS
DF2D	85 6E	STA \$6E SERIES
DF2F	84 6F	51T \$6F
DF31	20 D6 DA	JSR \$DAD6 EVALUATION
DF34	A9 54 20 34 D9	LDA #\$54 JSR \$D934 multipey
DF36 DF39	20 34 DS 20 47 DF	JSR \$D934 MUMPY JSR \$DF47
DFBC	A9 54	LDA #\$54
DFBE	A0 00	LDY #\$00
DF40	4C 34 D9	JMP \$D934 NULTIPLY
DF43	85 6E	STA \$6E Source T
DF45	84 6F	SIY STOKE STOKE
DF47	20 D3 DA	JSR \$DADE FT EVALUATION
	B1 6E	LDA (\$6E), Y
DF4C	85 64	STA CON-CNTHI
DF4E	A4 6E C8	LDY \$6E
DF50 DF51	28 98	INY TYA
DF52	D0 02	BNE \$DF56
DF54		INC \$6F
DF56	85 6E	STA \$6E
DF58	84 6F	LDY \$6F
DF5A	20 34 D9	JSR \$D934 MUCTIPH
DF5D	A5 6E	LDA ≸6E
DFSF	A- 6F	LDY \$GF
DF61	18	CLC
DF62	69 85	ADC #\$05
DF64 DF66	90.01 CS	ECC \$DF67 ADD Iny
DF67		STA \$6E
DF69	84 6F	STY \$6F
DF6B	20 73 D7	JSR \$0773
DFGE	AS 59	LDA #\$59
DF70	AC 00	LDY #\$00
DF72	CE E4	DEC CON-CNTHI
DF74	[] E4	ENE \$DF5A
IF75	F •	<u>F'T'5</u>

DF77	98	35	44	78	68	28	B1	46	
DF7F	20	37	L'E:	·····	JSR	≉DE	337		`RND'
DF82	30	2E		1	EMI	≉DF	FB2		
DF84	DØ	17			EINE	⊈DF	-9D		
DF86		44	ES	1	LDA	\$E€	344		
DF89	85	5F		5	STR	ACC	C#1,	~m1	RND(0)
DF8B	AD	48	ES	1	LDA	\$E8	348		
DFSE	85	60		-	STA	FIC(C#1.	/M2	
DF90	AD	45	ES	1	LDA	\$ES	345		
DF93	85	61		9	STA	RCC	C#1,	2M3	
DF95	AD	49	EΘ		LDA	≴Eξ	349		
DF98	85	62			5TA	RCC	2#1,	/M4	
DF9A	40	C2	DF		JMP	≴DF			
DF9D	H _H	88			LDA		_	- R N)D (+z)
DF9F	AØ	00			_DY				
DFA1	20	HE	DA		JSR				
DFA4	R9	77	-		_DĤ				
DFAG	AG	DF			_DY				
DFAS	20	34	D9		ISR				
DFAB	R9	7B			_DA				
DFAD	RØ	DF				#\$[
DFAF	20	73	D7		ISR	\$D7			
DFB2	A6	62	51		DX		:#1,	'M4	RND(-2)
DFB4	85	5F			DR		:#1/		
DFB6	85	62			5TA		;#1.		
DFBS	86	5F			5TX		;#1,		
DFBA	A6	60			DX		;#1,		
DFBC	85	61			DA	ACC			
DFBE	85	60			STR		#1.		
DFCØ	86	61			5TX		;#1,		
DFC2	FIS	00			DR	#\$0			
DFC4	85	63			STA		;#1,	<u> </u>	
DFCE	A5	5E			_DA		;#1,	_	
DFCS	85	6D			STA	ROL		-	
DFCA	R9	80			DFI	#\$8			
DFCC	85	SE			STA			Έ	
DFCE	20	E3	D7		ISR				
DFD1	82	88			DX				
DFD3	AØ	60				#\$0			
DFD5	4C	EØ	DA			\$DF			
DFDS	R9			the second s	DA.	#\$5	_		10001
DFDA	AØ	EØ			_DY				1005'
DFDC		73	D7		JSR				
DFDF	20	18	DE		ISR				'SIN'
DFE2	R9	59			-DA				JIN
DFE4	AØ	EØ			_D'Y				
DFE6	86	6B			_DX)#2,	'S	
DFE8	20	13	DA		JSR	≇DF	113		
DFEB	20	18	DE		ISR	≇D E	18		
DFEE	20	DS	DE		JSR				
DFF1	A9	00				#\$0			
DFF3	85	60						JMF'R	
DFF5	20		07			\$D7			
DFF8	A9	5E				##5			
DFFA	AØ	ĒØ				#≉E			
DFFC	20		$\mathbf{D}7$		JSR.	\$D7			
UFFF	85	63			DA		:#1/	·'S	
EGG1	49				-HA			_	
	• •			•					

4 000 000 000 000 000 000 000 0	9008009000950009090095509000 882612884288288288288288288288444	0F04567 046600F80540	DE DF DA		ACC#1./S \$E014 \$0C #\$FF \$0C \$DEA1 #\$E0 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D773 \$E021 \$D755 \$\$00 \$D705 \$\$00 \$\$005 \$\$005 \$\$0554 \$\$00505 \$\$\$54 \$\$\$006 \$\$0554 \$\$\$006 \$\$\$0554 \$\$\$\$006 \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	`TAN'
E054 E05C E064 E06C E074 E07C E084		A2 E6 F8 35 83		DA A2 00 00 2D 1B 99 68 E1 86 0F DA 8F 52	83 49 0F 00 00 05 86 28 07 89 01 87 A5 5D E7 A2 A1 54 43 89 CD	
E080 E080 E080 E094 E094 E099 E099 E099 E099 E099 E09	48 10 45 40 40 40 40 40 40 40 40 40 40 40	81 07 08 18 80 20	DE DA DF	P'HA CMP	\$DEA1 ACC#1./E #\$81 \$E0A2 #\$C8 #\$C8 #\$D8 \$DA18 #\$BC #\$E0 \$DF20	`Aτn'

E0AC E0AE E0B0 E0B2 E0B5 E0B5 E0B5 E0B5 E0B5	90 07 A9 54 A0 E0 20 33 68 03 40 03 40 A1 60	07	BCC LDA LDY JSR PLA BPL JMP RTS	\$E085 #\$54 #\$E0 \$D733 \$E088 \$DEA1		
E08C E0C4 E0CC E0D4 E0DC E0E4 E0EC E0F4	08 76 F4 A6 7C 00 C8 C1 87 EA 7E 7E CC 91 81 00	F5 1F 7D 51 92 C7	83 BD 78 83 67 CA 14 64 78 7D 44 99 7F AA 00 00	D3 79 FC 80 7C DE 70 4C 63 30 3A 7E AA AA E6 77	1E 10 53 7D 88 4C 13 D0	
E0F9 E0F8 E0FD E102 E104 E106 E108 E108 E108 E108 E108 E108 E108 E108	E6 77 D0 02 E6 78 AD 60 C9 3A B0 0A C9 20 F0 EF 38 E9 38 E9 D0 60	EA	INC BNE INC LDA CMP BCS CMP BEQ SEC SEC SEC SEC SEC	BASIC \$E0FF BASIC \$EA60 #\$3A \$E110 #\$20 \$E0F9 #\$30 #\$30 #\$00	-ADDS -ADDS/HI	SUBROUTINE TO MOVE TO ZERO PACE (\$70)
E111	80 4F	07	52 58	A2 FB	98	
E116 E119 E119 E1119 E11123579 E1122579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E11222579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E1122579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E112579 E1125779 E1125779 E1125779 E1125779 E1125779 E1125779 E112	A2 FB 999 4C 999 500 855 92 0 855 95 2 11 0 85 6 85 8 85 95 2 0 95 6 85 8 85 8 85 8 85 8 85 8 85 8 85 8 8	ΕØ	LDX TXS LDA STA STA LDY STA STA LDY STA STA LDA STA STA STA STA STA STA STA STA	<pre>\$51 \$51 \$50 #\$00 #\$01 \$02 #\$01 \$02 #\$02 \$\$0 \$\$0 \$\$0 \$\$0 \$\$0 \$\$0 \$\$0 \$\$0 \$\$0</pre>	USR P UECTOR X MOVE TO ZO PACE	SASIC SETUP FROM OWER-ON RESET) SUBRTN ER

E187 BYTES FREE ###

E107 COMMODORE BASIC E107 ### >_ NH"M>

E1DE A9 7F F1F0 8D 4E E8	LDA #⊅7F STA \$E84E	RECISTER/
E1E3 A2 6D	LDX #\$6D	SCREEN
E1E5 A9 00 E1E7 95 SD	LDA #≉00 STA CLOCK,X	INITIALIZATION
E1E7 95 8D E1E9. CA	DEX	INT (THE CHITCH
E1EA 10 FB	BPL \$E1E7	
E1EC A9 2E E1EE 85 90	LDR #\$2E STA \$90	
E1EE 85 90 E1F0 A9 E6	LDA #\$E6	
E1F2 85 91	STA \$91	
E1F4 A9 03 F1F6 85 B0	LDA #\$03 STA \$80	
E1F6 85 80 E1F8 A9 0F	LDA #\$0F	
E1FA SD 10 ES	STA \$E810	
E1FD 0A E1FE 8D 40 E8	ASL A STA \$E840	
E1FE 8D 40 E8 E201 8D 42 E8	STA \$E842	
E204 8E 22 E8	STX \$E822	
E207 8E 45 E8 E208 89 3D	STX \$E845 LDA #\$3D	
E20A A9 3D E20C 8D 13 E8	STA \$E813	
E20F 2C 12 E8	BIT \$E812	
E212 A9 3C E214 8D 21 E8	LDA #\$3C STA \$E821	
E214 80 21 E8 E217 8D 23 E8	STA \$E823	
E21A 8D 11 E8	STA \$E811	
E21D 8E 22 E8 E220 A9 0C	STX ≴E822 LDA #\$0C	
E220 ND 00 E222 8D 4C E8	STA \$E84C	
E225 85 A8	STA \$A8	
E227 85 A7 E229 A0 83	STA \$A7 LDY #\$83	
E228 A2 18	LDX #\$18	
E22D 94 E0	STY \$E0,X	
E22F E0 14 E231 F0 08	CPX #\$14 BEQ \$E23B	
E233 E0 0D	CPX #≸ØD	
E235 F0 04 E237 E0 07	BEQ \$E238 CPX #\$07	
E237 E0 07 E239 D0 01	ENE \$E23C	
E238 88	DEY	
E23C CA E23D 10 EE	DEX BPL ≉E22D	
E23F 84 C5	STY \$C5	
E241 E8	INX	
E242 86 9F E244 86 C4	STX \$9F STX SCREEN-ADD	
E246 A9 20	LDA #\$20	
E248 90 00 80 E248 90 00 80	STA \$8000,X	CLEAR SCRLEN
E248 9D 00 81 E24E 9D 00 82	STA \$8100,X STA \$8200,X	
E251 9D 00 83	STA \$8300,X	
E254 CA E255 D0 F1	DEX BNE ≸E248	
E257 A0 00	LDY #\$00	
E259 84 C6	STY CURSOR-COL	
E258 84 D8 E25D 86 D8	STY CURSOR-LIN LDM CURSOR-LIN	
	LUN CORDURALIN Fra Fra V	L

		<i>0.</i> 5
	09 80	ORA #\$80 415 Jec Bus
E261	09 80 85 C5	STA \$C5
E263 E265	80 00 80 48 E7	LDA \$E748,X
E260 E268	85 C4	STA SCREEN-ADDRS
E268	A9 27	LDA #\$27
E260	85 D5	STA ≴D5
E26E	EØ 18	CPX #\$18
E270	FØ Ø8	BEQ \$E27A
E272	85 E1	LDA \$E1,X
E274	30 04	BMI \$E27A
E276	A9 4F	LDA #\$4F
E278	85 D5	STA \$D5
E27A	A5 C6	LDA CURSOR-COL CMP #\$28
E270	C9 28 90 04	SCC \$E284
E27E	E9 28	SBC #\$28
E280 E282	85 C6	STA CURSOR-COL
E284	60	RTS
E285	HC EF 02	LDY \$026F INPUT
E288	A2 00	
E28A	BD 70 02	
E28D	9D 6F 02	STA \$026F, X SCREEN/KEYBD
E290	E8 E4 9E	INX CPX \$9E TAKE FROM
E291 E293	DØ F5	ENE SE28A KEBIARD
E295	C6 9E	DEC \$9E BUFFER
E297	98	TYA
E298	58	CLI
E299	60	RTS
E29A	20 D8 E3	JSR \$E3D8
E29D E29F	A5 9E 85 A7	LDA \$9E STA \$A7 } WALT FOR
EZPF E2A1	FØ FR	
E2A3	78	SEI
E284	A5 AA	LDA \$AA \
E2A6	FØ 09	
E2AS	A5 A9	
E2AA	A0 00	LDY #\$00 Cursor
E2AC	84 AA	STY \$AA
E28E E281	20 EA E6	JSR \$E6EA /
E261 E264	20 85 E2 C9 83	JSR \$E285 CMP #\$83
E2E6	DØ 10	BNE \$E2C8
E2B8	78	SEI
E289	A2 09	LDX #\$09 INSERT
E2EE	86 9E	STX \$9E
E2ED	BD 60 E7	LDA \$E760, X > "LOAD RUN"
E2C0	90 6E 02	STA \$026E,X
E203 E204	CA DØ F7	DEX BNE \$E2BD
E2C6	F0 D5	BEQ \$E290
E2C8	C9 00	CMP #\$0D
E2CA	DØ CE	BNE \$E29A
E2CC	A4 D5	LDY \$D5
E2CE	84 AC	STY \$AC
E200	B1 C4	LDA (SCREEN-ADDRS),Y
E2D2	C9 20	CMP #\$20 ENE \$5000
ESE4 ESE	Dig ge Sis:	ENE \$E2D9 DEY
na an bailte i ga taga an	•2•2•	UNET FERRING

E2D9 E2DA E2DC E2DE E2E0 E2E0 E2E0 E2E0 E2E0 E2E0 E2E0	C8 84 A1 A0 00 84 C6 84 CD A5 A3 30 16 C5 D8 D0 12 A5 A4 85 C6 C5 A1 90 0A B0 28	INY STY $#A1$ LDY $##00$ STY CURSOR-COL STY $#CD$ LDA $#A3$ BMI $#E2FC$ CMP CURSOR-LINE BNE $#E2FC$ LDA $#A4$ STA CURSOR-COL CMP $#A1$ BCC $#E2FC$ BCS $#E31F$ TYA
5678ACE02468ACE02468BDF13579BE0234	48 8A 48 AC 48 AC 48 AC 48 AC 48 AC 48 AC 48 AC 48 AC 48 AC 48 AC 48 AC 48 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 49 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 40 AC 4 AC 4	ImplifyImplifyPHA $SCRFFM$ PHALDA \$ACEEQ \$E29DLDY CURSOR-COLLDA (SCREEN-ADDRS), YSTA \$D9AND #\$3FASL \$D9BIT \$D9BPL \$E30CORA #\$80BCC \$E312LDX \$CDBNE \$E316BVS \$E316ORA #\$40INC CURSOR-COLJSR \$E33FCPY \$A1BNE \$E330LDA #\$00STA \$ACLDA #\$00STA \$ACLDA #\$03EEQ \$E32EJSR \$E3D8LDA #\$09STA \$D9PLATAX
E334 E335 E336 E338 E338 E338 E330 E330 E33E	68 A8 A5 D9 C9 DE D0 02 A9 FF 60	PLA TAY 1LDA ≇D9 CMP #≢DE BNE ≇E33E LDA #≢FF <u>RTS</u>
E33F E341 E343 E345	C9 22 DØ 08 AS CD 49 01 OF CD	CMP ##22 QUOTE- ENE #E348 TEST LDA #CD EOR ##01 CTA #CD

EIE	68	PLA
EIEE	DØ BE	BNE #E37E
EBCØ	ES DF	LDA \$DF,X
E302	30 05	BMI \$EBC9
E304	CA	DEX
E305	B5 DF	LDA \$DF,X
E307	A0 4F	LDY #\$4F
E309	CA	DEX
EBCA	86 D8	STX CURSOR-LINE
EBCO	85 65	STA \$C5
		LDA \$E748,X
EICE	BD 48 E7	
EBD1	85 C4	STA SCREEN-ADDRS
EBDB	84 C6	STY CURSOR-COL
EBD5	84 D5	STY \$D5
EBD7	60	RTS
EBDS	48	PHR OUTPUT
EBD9	85 D9	SIH \$U9
EBDB	8A	TXA CHARACTER
EBDC	48	PHA
EBDD	98	TYA
EBDE	48	PHA
EBDF	40 A9 00	LDA #\$00
	85 AC	
E3E1		STA \$AC
E3E3	A4 C6	LDY CURSOR-COL
EBE5	A5 D9	LDA \$D9
EBE7	10 OB	BPL \$E3EC
EBE9	<u>4C 7A E4</u>	JMP \$E47A SCREEN. CONTROL. CHAR
EBEC	C9 0D	CMP #≉0D
EBEE	D0 03	BNE \$E3F3
EBFØ	4C 2F E5	JMP \$E52F <
E3F3	C9 20	CMP #\$20
E3F5	90 08	BCC \$E3FF non-printing char
E3F7	29 3F	AND #\$3F
E3F9	20 3F E3	JSR \$E33F guotesteat
EBFC	4C 4E E3	JMP \$E34E
E3FF	A6 DC	LDX \$DC insert mode?
	FØ Ø3	• • •
E401		
E403	4C 52 E3	<u>JMP \$E352</u> yes
E406	C9 14	CMP #\$14 Delete?
E408	DØ 1C	ENE \$E426
E40A	88	DEY. Yes.
E408	84 C6	STY CURSOR-COL
E40D	10 06	BPL \$E415
E40F	20 B4 E3	JSR \$E3B4
E412	4C 20 E4	JMP \$E420
E415	CS	
E416	B1 C4	LDA (SCREEN-ADDRS), Y PERFORM
E418	88	DEY DELETE
E419	91 C4	STA (SCREEN-ADDRS),Y
E418	C8	INY
E41C	C4 D5	CPY \$D5
E41E	D0 F5	BNE \$E415
E420	A9 20	LDA #\$20
E420 E422	91 C4	STA (SCREEN-ADDRS), Y
E422 E424	D0 30	BNE \$E462_
E426		
E428	F0 03	BEQ \$E42D
E42A	<u>40 52 E3</u>	<u>JMP \$E352</u>
E42D	C9 12	CMP #\$12
E42F	DØ 02	BNE \$E433

E431	85 9F		STH	49F
E433	09 13			##13
E435				#E43A
E437	20 57 1			\$E257
		<u>ت</u> م		
E43A	09 10		CMF'	
E430	DØ 12			\$E450
E43E	C8		IN't'	
E43F	84 C6			CURSOR-COL
E441	88		DEY	
E442				≢D 5
E444	90 07		ECC	≢E44D
E446	20 19	E5	JSF:	\$E519
E449	A0 00		LDY	井本回回
E448	84 C6		STY	CURSOR-COL
E44D	4C 7E I	EB	JMF	≢E 37E
E450	09 11		CIME	##11
E452	D0 0E			\$E462
E454	18		CLC	
E455	98		TYA	
E456	69 28		RDC	#\$28
E458	AS 20		TAY	π ⇒' ∠ ∪
				\$D5
E459	C5 D5			
E458	90 EE			\$E44B
E45D	FØ EC			\$E44B
E45F	20 19			\$E519
E462		<u>E3:</u>		<u>\$E37E</u>
E465	E8		IN×	
E466	85 D8			CURSOR-LINE
E468	98		TYR	
E469	E9 28		SEC	#\$28
E468	85 C6		STA	CURSOR-COL
E46D	E6 D8		INC	CURSOR-LINE
E46F		E7	LDA	≴E748
E472	85 C4		STA	SCREEN-ADDRS
E474	85 EØ			\$E0
E476	85 C5			\$C5
E478	DØ ES			\$E462
E47A	29 7F			#\$7F
E47C	C9 7F			#\$7F
E47E	D0 02			±E482
E480	A9 5E			#\$5E
E482	NA JE C9 20		CMP	
				\$E489
E484 E486		,		
	4C 4C E	<u> </u>		<u>\$E34C</u>
E489	C9 0D			#\$@D
E488	D0 03			\$E490
E48D	40 2F E	<u></u>		\$E52F
E490	A6 CD		LDX	
E492	D0 30		BNE	
E494	C9 14			#\$14
E496	DØ 28			\$E4C0
E498	A4 D5		LDY	
E49A	B1 C4			(SCREEN-ADDRS), Y
E490	C9 20			#\$20
E49E	DØ 04		ENE	\$E4A4
E480	C4 C6		CF'Y	CURSOR-COL
E482	DØ 07		ENE	\$E4AB
E484	CØ 4F		CPY	
E486	FØ BA			\$E462
E4A8	20 BA E	5	JSR	

E4AB	FI4 D5		ተርጉት	≇05	
E4AD	88		C'E't'		
E48E E480	81 C4 CS		LDA INY		≥∂ ≥ ' T '
E460 E461	91 C4		STA		ः, भ
E483	88 -		DEH		
E454	C4 C6			CURSOR-COL	
E486	DØ F5			≢E4AD	
E488	A9 20 91 C4			-#\$20 <soreen-addrs< td=""><td>·\ U</td></soreen-addrs<>	·\ U
E48A E48C	91 C4 E6 DC			SUREEN-HUURD \$DC	· /) T
E4BE	DØ 56			\$E516	
E400	A6 DC		LDX	≴DC	
E4C2	FØ 05			≇E4C 9	
E404	09 40			#\$40 *F750	
	<u>4C 52</u> C9 11	<u> </u>		<u>*E352</u> #\$11	
E4CB	DØ 28			#≠±± \$E4F8	
E4CD	A5 C6			CURSOR-COL	
E4CF	C9 28			#\$28	
E4D1	90 06			\$E4D9	
E4D3	E9 28			#\$28	
E4D5 E4D7	85 C6 80 3D			CURSOR-COL ≸E516	
E407 E409	A6 D8			CURSOR-LINE	
E4DE	FØ 39			\$E516	
E4DD	85 DF		LDA	⊈DF↓ X	
E4DF	10 07			⊈E4E 8	
E4E1	C6 DS			CURSOR-LINE	
E4E3	20 5D 90 2E	E2		\$E25D #E54.4	
E4E6 E4E8	DA 26		DEX	\$E516	
E4E9	CA		DEX		
E4EA	86 D8			CURSOR-LINE	
E4EC	20 SD	E2	JSR	\$E25D	
E4EF	A5 C6			CURSOR-COL	
E4F1	18 69 28		CLC	#.+	
E4F2 E4F4	85 CE			#≉28 CURSOR-COL	
E4F6	DØ 1E		ENE		
E4F8	C9 12			#\$12	
E4FR	DØ 04	•	ENE	\$E500	
E4FC	A9 00			#\$00	
E4FE	85 9F C9 1D			\$9F	
E500 E502	C9 1D D0 0B			#\$1D \$E50F	
E504	88		DEY	42001	
E505	84 C6			CURSOR-COL	
E507	10 0D			\$E516	
E509		E3		\$E3B4	
E50C E50F	4C 7E C9 13	<u>E3</u>		<u>\$E37E</u> #\$13	
E511	D0 03		CMP BNE		
E513	20 29	E2		\$E229	
<u>E516</u>	4C 7E		JMP		
E519	38		SEC		CO TO NEXT
E51A E51C	46 A3 A6 D8				SCREEN LINE
E51E	E8		LDX INX	CORDURTEINE	
E51F	EØ 19			#\$19	

			E 15 1 E 1	arrena		
E521	- 00.03 	E S.		≉E526 ≉E53F		
E523	20 3F 85 E0	<u> </u>		≠E0,X		
E526	10 F4		BPL			
E528	26 D8			CURSOR-LINE		
E52A		E2		\$E25D		
<u>E52C</u>	<u> </u>			#\$00		
E52F	85 DC			\$DC	START NO	ΞW
E531	85 9F			\$9F	SCR EEN	LINE
E533 E535	85 CD			\$CD	•••	
E537	85 06			CURSOR-COL		
E539		E5		\$E519		
E530		ĒĴ		\$E37E		
E53F	78		SET		7	
E540	A0 00			#\$00	SCROLL	SCREEN UP 1 LINE
E542	84 C4			SCREEN-ADDRS		
E544	A9 80			#\$80		
E546	85 C8			U-PTR+1		
E548	85 C5			\$C5		
E54A	R9 28			#\$28		
E54C	24 E1		BIT			
E54E	30 02		E:MI	\$E552		
E550	A9 50		LDA	#\$50		
E552	85 C7		STR	U-POINTR		
E554	A9 34		LDA	#\$34		
E556	SD 11	ES	STA	\$E811		
E559	B1 C7		LDA	(U-POINTR)/Y		
E558	91 C4		STA	KSCREEN-ADDRS	아내는 것이 같이 있는 것이 좋아	
E55D	C8		INY			
E55E	D0 F9			\$E559		
E560	E6 C8			U-PTR+1		
E562	E6 C5			\$C5		
E564	A9 84			# \$84		
E566	C5 C8			U-PTR+1		
E568	DØ EF			\$E559		
ESGA	A9 E8			#\$E8		
E56C	85 C4			SCREEN-ADDRS		
E56E	06 05			\$C5		
E570	A9 20			#\$20		
E572	C6 C4			SCREEN-ADDRS		
E574	C6 C7			U-POINTR	· S - 1 1	
E576 E578	91 C4 D0 F8			<pre> <screen-addrs< td=""><td>22 T</td><td></td></screen-addrs<></pre>	22 T	
E57A						
E570	A2 19 86 D8			#≉19 CURSOR-LINE		
E57E	88 D8 A2 00			100K50K-CINC #\$00		
E580	C6 D8			CURSOR-LINE		1
E582	85 EØ			¢EØ,X		
E584	29 7F			##7F.		
E586	E4 E1			#≠005 \$E1,X		
E588	10 02			\$E58C		
E58A	09 80			#\$80		
E58C	95 EØ			#≠00 ≸EØ,X		
E58E	E8		INX			
E58F	E0 19			#\$19		
E591	DØ EF			\$E582		
ESHD	H9 83			#\$83		
E595	85 F8		STA			
E	H5 FM		LDH			

E599 E590 E564 E5643 E5643 E5643 E5648 E5648 E5683 E5683 E5683 E5683 E5683 E5683 E5683 E5683	A9 3C SD 11 E8 58 FE A9 A9 FE E8 D0 0F A0 A0 08 E8 SD 45 E8 2C 4D E8 50 FB 88 D0 F5 S4 A6 D8 A6	LDA #\$3C STA \$E811 CLI LDA #\$FE CMP \$E812 BNE \$E587 LDY #\$08 STA \$E845 BIT \$E845 BIT \$E840 BVC \$E5A0 DEY BNE \$E5AA STY \$9E LDX CURSOR-LINE
E589 E58A E58C E58D E58E E5C0 E5C3 E5C3 E5C3 E5C5 E5C7 E5C9	60 A6 D8 E8 78 A9 34 SD 11 E8 E0 18 F0 33 90 03 4C 9C E3	RTS LDX CURSOR-LINE INX OPEN SEI NEN LINE LDR #\$34 NEN LINE STR \$E811 ON CPX #\$18 SCREEN BEQ \$E5FR BCC \$E5CC JMP \$E39C
E5CC E5CE E5C2 E5D2 E5D2 E5D2 E5D2 E5D2 E5D2 E5D2 E5D	40 50 E3 R2 17 B5 E1 09 80 S5 C8 B4 E0 30 02 29 7F 95 E1 98 80 85 C5 R0 27 BD 49 85 C7 BD 48 85 C4 81 C4 91 C7 88 10 10 F9 CA E4	LDX #\$17 LDA \$E1, X ORA #\$80 STA U-PTR+1 LDY \$E0, X EMI \$E5DA AND #\$7F STA \$E1, X TYA ORA #\$80 STA \$C5 LDY #\$27 LDA \$E749, X STA U-POINTR LDA \$E748, X STA SCREEN-ADDRS LDA (SCREEN-ADDRS), Y STA (U-POINTR), Y DEY EPL \$E5ED DEX CPX CURSOR-LINE
ESF7 ESF9 ESF6 ESFC E600 E602 E609 E609 E609 E609 E609 E609	DØ D5 E8 B5 E0 09 80 85 C5 29 7F 95 E0 BD 48 E7 85 C4 A0 27 A9 20 91 C4 83	ENE \$E5CE INX LDA \$E0, X ORA #\$80 STA \$C5 AND #\$7F STA \$E0, X LDA \$E748, X STA SCREEN-ADDRS LDY #\$27 LDA #\$20 STA (SOREEN-ADDRS), Y DEY

E612	A9 30	LDA #\$30
E614	80 11 E8	STA \$E811
E617	58	CLI
<u>E618</u>	40 5D E2	JMP \$E25D
E61B	48	TXA INTERRUPT
E610	8A. 48	FHA ENTRY
E61D E61E	40 98	
E61E E61F	28 48	PHA
E620	BA	TSX
E621	BD 04 01	LDA \$0104,X
E624	29 10	AND #\$10
E626	FØ 03	BEQ \$E62B
E628	60 92 00	<u>JMP (\$0092)</u>
E628	60 90 00	JMP (\$0090)
E62E	20 EA FF	JSR #FFEA HARDWARE
E631	A5 A7	LDH FHY
E633	DØ 18	
E635	C6 A8	DEC \$AS CLOCK ENE \$E64D BUD
E637 E639	DØ 14 A9 14	
E639 E638	85 A8	LDA #\$14 KEYBOARD STA \$A8
E63D	84 Č6	LDY CURSOR-COL
E63F	46 AA	LSR \$AA
E641	E1 C4	LDA (SCREEN-ADDRS),Y
E643	BØ Ø4	BCS \$E649 (Cursor
E645	E6 AA	
E647	85 A9	STA \$A9
E649	49 80	EOR #\$80
E648	91 C4	STA (SCREEN-ADDRS), Y
E64D	A2 FF	
E64F	86 A6	STX \$86
E651 E652	E8 86 98	INX STX \$98
	86 50 A2 50	51∧ ≉50 LDX #\$50
	AD 10 ES	
	29 F0	AND #\$FØ
	SD 10 E8	
E65E	A0 00	LDY #\$00
E660	AD 10 ES	LDA \$E810
E663	0A	ASL A
E664	ØA	ASL A
E665	0A	ASL A
E666	10 06 84 F9	LDP #\$00 LDA \$E810 ASL A ASL A BPL \$E66E $\#1$ STY \$F9
	04 F9 A9 3D	STY ≇F9 LDA #≄3D
	DØ Ø6	EDE #E674
E66E	85 F9	LDA \$F9
E670	D0 05	ENE \$E677
	A9 35	LDA #\$35
E674	8D 13 E8	STA ≸E813
E677		BCC \$E682 #2
	84 FA	STY #FA
	AD 40 E8	
E67E E680	09 10 D0 09	0RA #\$10 Duc #5000
E682	00 09 85 FA	BNE \$2688 1 Do \$20
E684	D0 08	LDA \$FA BNE \$E68E
REEE		ENE *E80E 108 \$E840
		t ben t → tbeternet

		- ~	
EFSE	SD 40 E		\$E840
ESSE	A0 08	ር ር ነ ተ	#\$@8
E690		ES LDA	\$E812
E693	CD 12 E	ES CMP	\$E812 \$E812 KETBOARD \$E68E KETBOARD F
E696	D0 F6	BNE	SE68E FT FST
E698	4 F I	LSR	Ĥ · (C
E699	EØ 10	BCS	\$E687
	48	FHA	
E698	80 F7 E		≴E6F7, X
E69C			\$E6A7
E69F	DØ 06		- • •
E6A1	R9 01		
ega:	85 98	STA	
eeas	<u>DØ ØF</u>	the second s	<u>\$E686</u>
E687	C9 FF		#\$FF
E6A9	F0 08	BEQ	\$E686
EEAB	C9 3C	CMP	#\$3C "< "
EEAD	DØ 05	ENE	≴E6B4
EGRF	20 11 E	ES BIT	\$E811
E682	30 02	EMI	\$E6B6
E6B4	86 A6		\$86
	68	PLA	4110
E686	CA	DEX	
E687			4E-000
ESES	FØ 08		\$E6C2
ESBA	88	DEY	
ESEB	DØ DB		\$E698
ESED	EE 10 E		SES10 NEXT KYBD ROW
E600	DØ CC	BNE	<u> </u>
E602	A5 A6	LDA	\$A6
E6C4	C5 97	CMF	\$97 KEY ALBEADY LOCCED?
ESCS	F0 1C	BEQ	⊈E6E4
ESCS	85 97	STA	\$97
ESCA	AA	TAX	
EECE	30 17	BMI	⊈E6E4
ESCD	BD F7 E		≠E6F7, X
	46 98	LSR	
EEDØ			
E6D2	90 02		\$E6D6
E6D4	09 80	ORA	#\$80
EEDE	A6 9E		
E6DS	9D 6F 0		\$026F, X
EEDB	ES	INX	
EGDC	EØ ØA	CPX	#\$0A
ESDE	D0 02	BNE	\$E6E2
ESEØ	A2 00	LDX	#\$00
E6E2	86 9E	STX	
ESE4	68	PLA	
ESES	AS	TAY	
ESES	68	PLA	
EGE7	RA .	TAX	
ESES	68	PLA	
E6E9	50 49	RTI	
ESEA			
	AS AD AG D		TESAD PRINT TO
EGEB	AD 40 E		
EEEE	29 20	AND	##20 SCREEN
EGFØ	D0 F9	ENE	#E6EB
E6F2	98	ፐ ትዋ	•
E6F3	A4 C6	ር ር ነዋ	
ESFS	91 C4	STA	(SCREEN-ADDRS), Y
EFFT	6.14	FTS	

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E700 E710 E719 E719 E720 E720 E730 E730 E748 E750 E760 E760 E768	2083A6F94000828 3279400008 311004804 4804	392454871388800 373548714268800	0F0FFF5F59042	25787407988811 2787407988811	F20BA950600045	54444794758880A 405220840A	45444254300028 454445422F3754	51 22 21 18	ΚĒ	YBOF MATR	ARD IX
E76Ĥ	H2	01			DX	#\$6				MLM	:
E760	E:5	FĤ			DA	≸Ff	4, X		0	u T P U	τ-
E76E	48				HH					4	НЕХ
E76F	E:S	FB		-	DA			-ADDS	55 X		DIGITS
E771	20	75	E7		ISR	\$E7	75				
E774	68			-	PLA					-	
E775	48				PHA	~			•	. Z HE	х: С/Т S
E776	4A				SR	A				10	6112
E777	4A				SR	R					
E778	48				.SR	A D					
E779	4A	C 1 C 1			SR	Ĥ +===					
E778	20	εD	E7		ISR	⊈E 7	30				
E77D	ĤĤ				RX:						
E77E	68	~ ~			LA.	<u>ш.</u> +,					
E77F	29	ØF			AND .	井宇り					
E781	20	SD	E7		'SR 'HA	\$E7	30		-		
E784	48				XA					ASCI	
E785	SA	D2			ISR.	±⊂¤	502	OUTPU		HARAC	TERS
E786	20	νe	ГГ			- ∓∙ Г Г	- L,	buipu			
E789 E788	68 40	02	FF		MP	₹EF	502	OUTPUT			
E78D	18	L. <u></u>								MLN:	
E78E		FG			HDC:	#\$-F	-e				
E790	90	02				\$€7				ry → I	ascii
E792	69	06			IDC	#\$0			T	DICIT	
E794	69	3A			IDC:	#\$3					
E796	60				TS						
E797	A2	02		L	DX.	#\$6	12			ML	M :
E799	E:5	FĤ		L	.DA	 \$FF	ł. X				P THPO
E798	48			F	PHA						STMP2
E790	85			L	.C'A	STF	HR:T-	-RDS-	-HI,	× 5	
E79E	95	FA			TH	₽FF	ЪХ				
E7A0	68				'LA			<u>`</u>			
E7A1	95	FC			TH	STR	HRT-	-ADS-	-HI.	×	
E7A3	°CH)EX						
E7A4	D0 20	⊢⊰			NE	≇E 7	33				
ETHE	60	FLE			ETS						
E7A7 E7AA	20 90	86	Er		icc	\$€7 \$€7				ML	
ETAC	20 85	FC			STA			-ADS-	-нт	CET	2-BTFE
ETHE	20	E G	E7		ISR		786 786	110-11			
E7E1		60 02				#E7				45 x	INPUT
ETEI		FE			TA			-ADDS	-		
41.4 G G					-re	' I I		1 1 L' L' a	-		

E788	SD		01	STA	\$0100	SCAN	
E78B	20		E7	JSR Omp		UPTO	
E7BE	09	_		ENE	##20 \$E708		
E700	D0 20		E7	JSR		2 5 1 1	
E7C2 E7C5	يە تى بەرى			CMF			
E703	DØ			BNE	\$E7D8		
E7C9	18	_		CLC			
E7CA	60			<u>RTS</u>			_
E7CE	20	EØ	E7	JSR	\$E7E0	MLN:	
E7CE	ØĤ			ASL	Ĥ	PACK 2	
E7CF	ØĤ			ASL ASL	A A	ASCIL HEX	
E7DØ	0A 00			ASL	n fi	CHARACTERS	
E7D1	ØA SD	66	01	STA	¤0100	INTO I BYTE	
E7D2 E7D5	20	EB	E7	JSR	\$E7EB		
E708	20		E7		\$E7E0		
E7DB	80				\$0100		
E7DE	38			SEC			
E7DF	60			RTS			
E7E0	63	ΞĤ		CIME	#\$3H	חנח:	-
E7E2	68			PHP		CONVERT	
E7E3	29	ØF		AND	#≉ØF	ASCII	
E7E5	28	00		PLP BCC	\$E7EA	-> BINARY	
E7E6 E7E8	90 69			ADC	≠E7E⊓ #\$08	DICIT	
E7E8	60	0.5		RTS	π +.c.c.		
E7EB	20	CF	FF	JSF:	 \$FFCF	"INPET'MLM:	-
ETEE	C.9			CMF	#\$@D	ÇET	
E7FØ	DØ			ENE	\$E7EA	CHARACTER:	
E7F2	68			PLA		•	
E7F3	68			FLA		ABORT ON (CR)	
<u>E7F4</u>	-	54	FD		\$FD54		_
E7F7	Ĥ9	3F		LDH	##3F	MLN:	
E7F9 E7FC		D2 54	FD		\$FFD2 \$FD56	OUTPUT PRINT "?"	
EIFU	40		F L.	0111-			-
F000	TOO	MAN	VY F	ILESFI	•		
				E NOT			
F020,	OPE	VFIL	E N	OT FOL	ļ		
	ND S						
F040			5 PL		2		
F050				APE #	-		
F060 F070							
F070 F080				NOT F			
F090					-		
FORO				OK F			
FØBØ				> H-@F	ł		
							~
FØBE	A9	· –				SEND "TALK" SET UF	>
FØB8 FØBA	<u>D0</u> H9				<u> \$F0BC</u>		
FORC	48	20		LDA PHA	##20 3	SEND ^{-LISTEN⁺ IEEE}	
FOED	FID	40	ES		≴E840	7	
FOCO	09				##02	NRFD	
FUCE	ΞC		EΞ		\$E840	ړ	
FROS	ЯÐ				#≠30	JNDAC	
FUST	€E/	21	EΘ	STA	≢E821	أر	
-	•	~.			-		

F0CC F0CE F0C0 F0C0 F0C0 F0C0 F0C0 F0C0	F0 11 A9 34 SD 11 E8 20 EE F0 A9 00 S5 A0 A9 30 SD 11 ES 68 05 D4 85 A5 AD 40 E8 10 FB 29 FB 80 40 E8	 BEQ \$F0DF LDA \$\$434 STA \$E811 JSR \$F0EE LDA \$\$00 STA \$\$00 STA \$\$40 LDA \$\$211 PLA ORA \$\$E811 PLA ORA \$\$E840 BPL \$\$F0E4 AND \$\$E840 STA \$\$E840 	EDI ON SEND PREVIOUS CHARACTER WITH EDI EDI OFF EDI OFF CHANNEL COMMAND WAIT FOR DAY IN to EUR OFF ATH CN
FØEE FØFØ	A9 30 8D 23 E8×	LDA #\$30 STA \$E823	JDAV SEND
FØFB	AD 40 ES	LDA \$E840	
FØF6	29 41	AND #\$41	Curve?
FØFS	C9 41	CMP #\$41	"DEVICE NOT PRESENT" BYTE
FØFA FØFC	FØ 41 A5 A5	BEQ ≸F13D LDA ≸A5	T cours and have
FØFE	49 FF	EOR #\$FF	COMMAND OR DATA
F100	8D 22 E8	STA ≸E822	J
F103	2C 40 E8	BIT \$E840	3
F106	50 FB	BVC \$F103	NRFD?
F108 F10A	A9 34 8D 23 E8	LDA #\$34 STA \$E823	DON SIGNAL DATA
F100 F10D	89 FF	LDA #\$FF	AVAILABLE
F10F	8D 45 E8	STA \$E845	SET TIMER 1
F112	AD 40 ES	LDA \$ES40	-
F115	2C 4D E8	BIT \$E84D	71?
F118	70 1C	BVS \$F136	"TIMEOUT"
F11A F118	48 90 F5	LSR A BCC \$F112	NDAC in?
F11D	A9 30	LDA #\$3C	DAN SIGNAL DATA
F11F	8D 23 E8	STA \$E823	UNAVAILABLE"
F122	A9 FF	LDA #≉FF	BeleAR OUTPUT BUS
F124	8D 22 E8	STA \$E822	
<u>F127</u> F128	<u>60</u> 85 A5	<u>RTS</u> STA \$A5	
F12A	20 EE F0	JSR \$F0EE	OUTPUT IMMEDIATE TO IEEE + CLEAR ATH
F12D	AD 40 ES	LDA \$E840	
F130	09 04	ORA #\$04	ATN OFF
F132	8D 40 E8	STA \$E840	J
<u>F135</u> F136	<u>60</u> A9 01	RTS	
F138	20 7F FB	LDA #\$01 JSR \$F87F	WRITE TIMEOUT
F13E	DO EO	ENE \$F11D	
F13D	A9 80	LDA #\$80	DEVICE NOT PRESENT
F13F	<u>30 F7</u>	<u> BMI \$F138</u>	
F141 F143	A9 02 20 7F FB	LDA #\$02 JSR \$F87F	TIMEOUT ON READ
F146	AD 40 ES	LDA \$E840	7
F149	29 FD	AND #\$FD	NRFD
F14E	SD 40 ES	STA \$E840	لر
F14E	A9 24	LDA #\$34	5 NDAC = true
F150	80 21 ES	STA #E821	
	'	1 6.50 4 5016	

F156	B:9 Ø	121	FØ	LDĤ	\$F000.	Y SEND CANNED
F159	08			F'HF'		-
F15A	29 7	F		AND	#\$7F	MESSACE
F15C		3	FR	JSR	≴E3DS	
		· _ ·		INT		
F15F	C8			PLP		
F160	28	_			ATA EC	
F161	10 F	3		BPL	\$F156	
F163	60			RTS		
F164	85 A	5		STA	\$A5	OUTPUT IMMEDIATE
F166	20 E	E	FØ	JSR	\$F0EE	TO IEEE
F169			F1	JSR	\$F146	AND CLEAR
F160		-	F1	JMP	\$F12D	
F16F	24 H	_		EIT	\$ĤØ	
				EMI	\$F177	Output
F171	_					CHAR
F173	C6 A			DEC		To
F175	D0 0	5		ENE	\$F17C	
F177	48			PHA		IEEE
F178	20 E	ΕI	FØ	JSR	\$FØEE	(deferred)
F178	68			PLA		(arrenta)
F17C	85 A	5		STA	\$A5	(
F17E	60	•		RTS		
F17F	A9 5			LDH	#\$5F	f carb
				ENE	\$F185	SEND -URTALK" DROP
F181						
F183	A9 3	F		LDA	#\$3F	SEND IEEE
F185	EA			NOP		CHANNEL
F186	EA			NOP		
F187	20 B	C F	FØ	JSR	≸FØBC	
F1SA	- DØ - A:	1		ENE	\$F12D	
F180	89 B	_		LDA	#\$34	Luna Lun Durt
F18E	8D 2:		ES	STA	\$E821	ANDAC INPUT
F191	RD 4		ES	LDA	\$E840	
F194	09 0			ORA	#\$02	JNRFD IEEE
			-0	STA	\$E840	J BYTE
F196		08	20			
F199	A9 FI			LDA	##FF	
F198	8D 4			STA		٨
F19E	2C 4		ES	BIT	\$E84D	
F1A1	70 9	Ε		BYS		"TINEOUT ON READ"
F1A3	20 41	ଟ E	E8	EIT	\$E840	
F1A6	30 F	5		EMI	\$F19E	DAV?
F1AS	RD 4		- <u>e</u> :	LDA	\$E84Ø	٦
F1AB	29 FI	_	'' '	AND	#≇FD	> NRF>
FIRD	SD 4			STR		
F180	20 40			BIT	\$E810	
			10			E013
F183	70 8				\$F1EA	
F185	A9 40			LDA		"EOI LINE"
F187	20 71	= F	- E	JSR	≢FB7F	
F1EA	AD 20	3 E	28	LDA	\$E820	ACCEPT WANT BYTE
F1ED	49 FF	=		EOR	#≄FF	
F1EF	48			F'HA		
F1C0	A9 30	2			#\$3C	JNDAC SEND "ACCEPTED"
F1C2	SD 2:		8		\$E821	NDAC SEND ACCEPTED
F105	20 40					
			-6	BIT		DAV? WAIT FOR ACK. (Dry ci)
F1C8	10 FE			BFL		
F1CA	A9 34		- 6-	LDA		L NDAC
F100		1 E	- E K		≢E821	ل
F1CF	68			FLA		
F100	ЕŪ			FTE		
	H' III	1			#4-99	CET

	DØ 17		ENE	≢F1F0	
F1D7	D0 17 85 98		LDA		
F109	FØ 51		BEQ	\$F22E	
F1DB	78		SEI		
F1DD	40 85	E2	JMF	\$E285	
F1DE F1E1	H5 HF		LDA	\$AF	INPUT
F1EI F1EJ	DØ ØB		ENE	\$F1F0	INPUT
F1E5	A5 C6		LDA	CURSOR	COL
F1E7	85 A4		STA	\$64	
F1E9	A5 D8		LDA	CURSOR	-LINE
F1EE	85 A3		STA	\$A3	
F1ED	40 F4	E2 ·	JMF	\$E2F4	
F1F0	<u>C9 03</u>		CIME	井中図3	
F1F2	D0 09		ENE	\$F1FD	
F1F4	85 AC		STA		FROM SCREEN
F1F6	A5 D5		LDA	\$D5	
F1F8	85 A1		STA	\$A1	
F1FA	40 F4	E2		\$E2F4	
F1FD	EØ 29		BCS	\$F228	
F1FF	86 AD		STX	≢AD	FROM CASSETTE
F201		F2	JSR	\$F215	
F204	48		PHA		
F205	20 15	F2		\$F215	
F208	DØ 05			\$F20F	
F20A	A9 40		LDA		
F200		FE	JSR	\$FB7F	
F20F	D6 BA			≴BA, X	
F211	A6 AD			≇HL)	
F213	68 68		PLA		
F214	<u>60</u>		RTS	\$F806	
F215	20 06 D0 08	FS	BNE	\$F306 \$F225	INPUT CHAR
F218 F218	20 55		JSR	≉F22J \$F855	FROM TAPE
F218 F21D	28 JJ A6 D4		LDX	DEVICE	
F210 F21F	A9 00			#\$00	
F221	95 BA		· · ·	\$BR, X	
F223	F0 F0			\$F215	
F225	B1 D6				ADDS),Y
F227	60		RTS		
F228	85 96	·····	LDA	ST	FRON IEEE
F22A	FØ 03			\$F22F	
F220	A9 00		LDA	##@D	TERMINATE LEEE IF ERROR OR ECT
F22E	<u>-60</u>		RTS		
<u>F22F</u>	40 80	F1	JMP	\$F18C	
F232	48		FHH		OUTPUT CHAR
F233	A2 80			\$B0	Carrar CHAR
F235	09 03			井本図図	
F237	DØ 04			\$F23D	
F239	68		FLA		
F22A	40 D8	EB		\$EBD8	TO SCREEN
F23D	30 04			\$F243	
F23F F240	68 40 se	F .4	PLA		TO SEFE
F240 F243	<u>40 6F</u> 68	<u>F1</u>	the second s	\$F16F	TO IEEE
F242 F244	85 B4		PLA	4D-4	KILL LINE-FEEP
F246	C9 0A			≴84 #≄0A	KILL LINE-FEEP TL CASSETTE
F248	F0 E4			#\$0A \$F22E	
F24A	48		FHA	4F	
F 2:4F:			TXA		
	4		1 1 1 1		

DEF24798DF134689A800 444F24798DF134689A800	98 48 20 06 F8 20 10 20 36 F8 46 D4 49 01 95 88 49 02 91 D6 C8 84 91 D6 68 48 68 68 68 68	TYA PHA JSR #F806 BNE #F264 JSR #F886 LDX DEVICE LDA ##01 STA #BA,X LDY ##00 LDA ##02 STA (BUFR-ADDS),Y INY LDA #B4 STA (BUFR-ADDS),Y PLA TAY PLA TAX PLA RTS
F26E	A9 00	100 4400
F270	85 AE	STA SAE ABORT
F272	85 BØ	
F274	C9 04	CMP #\$04 POC #FORD FILES
F276 F278	90 03 20 83 F1	BCC \$F278 F163 JSR \$F183 SEND "HD-15764"
F27B	A5 AF	LDA \$AF
F27D	C9 04	CMF #李64
F27F	90 03	BCC \$F284
F281	20 7F F1	JSR \$F17F SEND THE TALK
F284	A9 03	LDA ##03 RESTORE
F286	85 BØ	STA \$80 DEFAULT
F288	A9 00	
F28A F28C	85 AF	
F280	<u>60</u> A6 AE	LDX \$AE FIND BUE
F28F	CA	
F290	30 16	BMI \$F288 (ABLE
F292	DD 51 02	CMP \$0251, X ENTRY
F295	F0 11	BEQ \$F2A8
F297	D0 F6	ENE \$F28F
F299 F290	80 51 02 85 D2	LDA \$0251, X SET PARAMETERS
F29E	80 58 02	STA LOGICAL-FILE FROM FILE
F2A1	85 D4	STA DEVICE
F2A3	BD 65 02	LDA \$0265,X
F2A6	85 D3	STA SECNDY-ADDS
F2A8	60	RTS
F2A9	20 CE F4	JSR ≇F4CE
F2AC F2AE	A5 D2 20 8D F2	LDA LOGICAL-FILE
F281	20 80 F2 D0 4D	JSR \$F28D BNE \$F300 SET
F283	20 99 F2	JSR #F299 1/0
F286	8A	TWO
	48	F'HA FROM
	H5 D4	LDA DEVICE FILE
FER	FG 28	
⊨ ∵t <u>E</u> tt]	inite (H⊡	CMF #本団正 てABU

F202	85 D3	LDA SECNDY-ADDS CLOSE
F202 F204	29 0F	AND ##ØF
F204 F206	F0 1C	BEQ ≨F2E4
F2C8	20 56 F6	JSR ≇F656
F208	A9 00	LDA #\$00
F200 F200	20.44 F2	JSR ≴F244
-	20 86 F8	JSR \$F886
F2D0	A5 D3	LDA SECNDY-ADDS
F2D3	C9 62	CMP #\$62
F2D5	DØ ØB	BNE \$F2E4
F2D7	A9 05	LDA #\$05
F2D9	20 DA F5	JSR \$F5DA
F2DB	4C E4 F2	JMP ⊈F2E4
F2DE	20 F0 F6	JSR \$F6F0 CLOSE IFEE DEVICE
F2E1	20 F0 F0	PLA
F2E4	AA	TAX
F2E5	CE RE	DEC \$AE
F2E6	E4 AE	CPX \$AE
F2E8	E4 NE F0 14	
F2EA	F0 14 A4 AE	BEQ \$F300 CLEAR LDY \$AE JTEM
F2EC	89 51 02	
F2EE		STA \$0251, X FILE
F2F1		
F2F4	89 58 02	
F2F7	9D 58 02	STA \$0258,X
F2FA	89 65 02	LDA \$0265,Y
F2FD	9D 65 02	STA \$0265,X
F300	60	RTS
F301	85 98 00 55	LDA \$98 TEST
F303	C9 EF	CMP #≢EF ENE ≇F30E STOP
F305 F307	DØ 07 90	
F307 F308	08 20 72 F2	JSR \$F272 KEY
F308 F308	20 72 72 85 9E	STA \$9E
F300 F30D	28	PLP
F30E	60	RTS
F30F	20 01 F3	JSR \$F301 ACT/0N
F312	4C 3F C7	JMP \$C73F 'STOP'
F315	20 1D F3	
F318	D0 F4	JSR #F31D SEND MESSALE ENE #F30E
F31A	4C 56 F1	JMP #F156 IF DIRECT
F31D	A5 78	LDA BASIC-ADDS/HI TEST DIRECT
F31F	C9 02	
F321	60	RTS
F322	A5 D4	LDA DEVICE
F324	D0 03	ENE #F329 PERFORM
F326	40 03 CE	JMP SCEOS "STUTAY ERR" PROCRAM
F329	20 03	CMP #\$A3
FB2B	FØ F9	BEQ #F326 "SYNTAX FRA" LOAD
F32D	90 66	BCC \$F395
F32F	A9 60	LDA #\$60 FRAN IETE
F331	85 DB	STA SECNDY-ADDS
F333	A4 D1	LDY NAME-LEN
F335	DØ Ø3	BNE \$F33A
F337	40 03 CE	JMP #CEOB "STUTAL CAROR"
FBBA	20 0A F4	JSE SE40A "SCARCHING"
FBBD	20 66 F4	JSR \$F466 SEND NAME TO LEGE
F340	20 B6 F0	JER #FORE SEND TALK
F343	AS DB	LDA SECNDY-ADDS
F_45	20 28 F1	JSR #F1.28

		TTO TTOTT ODD
F348	85 FB	STA START-ADDS JSR \$F18C
F34D	20 8C F1 85 FC	STA START-ADS-HI
F350	20 2E F4	JSR \$F42E
F352	A9 FD	LDA #\$FD
F355 F357	25 96	AND ST
F359	85 96	STA ST
	20 0F F3	JSR ≸F30F
F35E	20 8C F1	JSR \$F18C
F361	ĤĤ	TAX
F362	A5 96	LDA ST
F364	4 F I	LSR A
F365	4A	LSR A
	BØ ED	BCS \$F355 TXA
F368		IA⊟ LDY \$90
	A4 9D FØ ØB	BEQ \$F378
F36D		DEY
F36E	D1 FB	CMP (START-ADDS),Y
	F0 08	BEQ \$F37A
F372	A2 10	LDX #\$10
F374	86 96	STX ST
	DØ 02	ENE \$F37A
	91 FB	STA (START-ADDS), Y
	E6 FB	INC START-ADDS
F370	D0 02	BNE \$F380
F37E	E6 FC	INC START-ADS-HI BIT ST
F380 F382	24 96 50 D1	BVC ≰F355
F384	EA	NOP
F385		NOP
F386		NOP
	A5 FB	LDA START-ADDS
F389	85 C9	STA \$C9
FISE	A5 FC	LDA START-ADS-HI
F38D	85 CA	STA \$CA
F38F	20 7F F1	JSR \$F17F SEND "UNTALK"
F392	40 F0 F6	JMP \$F6F0
F395 5344	20 56 F6	JSR \$F656 TAPE: SET BUFF
F398 F398	20 12 F8 20 0A F4	JSR \$F812 JSD #E460
FB9E	20 0A F4 A5 D1	JSR \$F40A LDA NAME-LEN
F3A0	F0 08	BEQ \$F3AA
F3A2	20 94 F4	JSR \$F494
FBAS	D0 08	BNE \$F3AF
F3A7	40 6E F5	JMP \$F56E "FILE NOT FOUND"
FIAA	20 A6 F5	JSR \$F5A6
FIRD	F0 F8	BEQ \$F3A7
FBAF	E0 01	CPX #\$01
FBB1 FBBB	DØ EB	ENE \$F39E
FBB5	85 96 29 10	LDA ST
F2E7	29 10 DØ 74	AND #\$10 BNE \$F42D
FIES	20 30 F6	JSR \$F63C
FIEC	20 2E F4	JSR \$F42E
FIEF	40 5E FS	JMP \$F85E
FILL	H9 QQ	LDA ##00 'LOAD'
FICA	85 90	STA #90
F CE	DE F4	J15F: 4F42E

F3024698002468A	A5 96 29 10 F0 09 A0 00 84 9E A0 60	F3 F8	CMP BNE CMP BNE JSR LDA BNE	<pre>\$F3CE \$98 \$F3CE \$F3CE \$F3CE \$F3CE \$F322 \$90 \$F420 \$F420 \$F8E6 ST #\$10 \$F8E6 \$T #\$10 \$F3EF #\$00 \$\$9E #\$00 \$\$9E #\$60LOAD ER@OR"</pre>	
FBEC FBEF	40 70 80 85			#\$AE	
F3F1	20 15	F3	JSR:	≠F315	
F3F4		F₿	JSR	\$F31D	
F3F7	DØ ØB		BNE	≴F404 \$CR	
F3F9 F3F8	85 CA 85 28		LDA STA	END-BASIC+1	
F3FD F3FD	A5 C9		LDA	\$C9	
F3FF	85 2A			END-BASIC	
F401	<u>4C 39</u>	C4	JMF'	<u>\$0439</u>	
F404	20 87	05	JSR	\$C587	
<u>F497</u>	40 90	<u></u>	<u>IMP</u>	\$C590	
F40A		F3	JSR RME	*F31D PRINT "SEI	ARCHING
F40D F40F	DØ 1E AØ 32		BNE LDY		
F40F F411	20 56	F1		#≆32 "SFARCH/µ¢ FoR" \$F156	
F414	A5 D1			NAME-LEN	
F416	FØ 15		BEO	\$F42D	
F418	A0 30		LDY	#≉3D ` F∘R [*]	
F41A	20 56	F1	JSR	\$F156	
	A4 D1			NAME-LEN	
	F0 0C A0 00			≉F42D #≉00	
F421 F423	81 DA			#≠00 (\$DA), Y	
F425	20 02	FF		\$FFD2 OUTPUT	
F428	C8		INY		
F429	C4 D1		C:F''t'	NAME-LEN	
F428	D0 F6		ENE	\$F423	
F420	60		RTS		
F42E F430	AØ 5F A5 9D		LDY	##5F PRINT "LOADING	••
F430 F432	F0 02			#50 #F436 OR "VERIF	YING"
F434	A0 60			+, #≄6D	
F436	20 15	F∃		\$F315	
F429	A0 39		LDY	4\$39	
F4]E	40 15	<u>F3</u>		\$F315	
F43E F440	A2 00			HEOD GET LOAD	,
	86 96 86 D1		STX	NAME-LEN SAVE',	'UFRIFY'
	86 D3				METERS
F-14E	ES:		INX		-1C ' C K S
	86 04			DEVICE	
臣王王曰	11 115	FS	TEF	TENDE	

			EA	TICE	\$F460
F452			F4		DEVICE
F455	86		F5	JSR	
F457					
F45A	20 86		1 7	STX	
F45D	80 60	0.2		FTS	
F45F F460	20	16	F5	JSF	
F460 F463	4C		DS	JMF	
F466	FI5	D3		LDR	
F468	30	F5		BWI	\$F45F DOCM NANE
F46A	Fi 4	D1			NHME-LEN
F460	FØ				F45F TO IEEE
F46E	20		FØ		≄F⊠₿₳ ऽ⋷₦⊅~┙ऽ⋾⋷₦"
F471	A5	DB			SECNDY-ADDS
F472	09	FØ	_	URF	CEND FR SECONDARY TO OFCH
• • • • =	. 20		F1	JSE	
F478	R5	96			
F47A	10	85		<u>E:F'L</u>	
F47C	HØ 40	74	CE.		#=74 "DEVICE NOT PRESENT"
F47E	4C 85	<u>75</u> D1	F5	JMP LDA	
F481 F483	FØ	ØC		BEQ	
F485	F E AØ	00			
F487	E1	DA			+≠00 (\$DA), Y
F489	20		F1	JSP	
F4SC	CS.			INY	
F48D	C4	D1			NAME-LEN
F48F		F6		ENE	
F491	4C	83	F1	JMP	
F494	20	Ĥ6	F5	JER	
F497	FØ	1D		BEQ	サー チワワ
F499	A0	85		LDY	
F498	84	85			*B5 HEADER
F49D	80 04				##199
F49F E404	84 C4				
F481 F483		10		CP'Y BEQ	•••••
F4A5	61	DA		LDA	
F487	H4	85		LDY	
F4A9	D1	DE		CMF	
F4HE		E7		ENE	
F4AD		E:4		INC	
F4RF		85		INC	
F4E1	fi4			LDY	
F483	DØ	EC		ENE	
F485	98			TYA	
F4Fif	60			FITS	
F4E7	H9	91		LDA	
F4E9		90		STA	
F4EE		C6	FB	JSF:	
F4EE		96		LDA	
F4C0 F4CO	29	10		AND -	##10
F402 F404	F0 A0	Ø5 45		BEQ	· ·
F404 F406	ню 40	6E 70	EE		
F4C8 F4C9	<u>40</u> HØ	HH HH	<u>F5</u>	JMF LDY	
F4LE		56	E1	JME	
FACE	FIC		<u> </u>		
F-4[1]	SE			ST::	
1 1 1 - T					SECNOY-HODS FOR 'OPEN', CLOS -

440790F147980F257AD0357980 555000 555000 55500 5000 55500 5000 55500 5000 55500 5000 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 55500 555000 55500 55500 55500 55500 55500 55500 555000 55500 555000 555000 55500 555000 555000 555000 555000 555000 5550000 555000 555000 5550000 5550000 5550000 555000000	20 60 86 D3 20 0E	D6 F5 F4 F5 F4 F5 F5 CC	INX SSR JSR JSR JSR JSR SSR SSR JSR SSR SSR	FOINTE	L-FIL QUIT GUIT GUIT GUIT? EN R	2			
F50E	20 76	00		\$0076	I	BORT	CAL	LING	
F511 F513	DØ 02 68		ENE FLA	\$F515		SUBRT	N II	5	
F514	68 68		PLA			EN	D-OF	LINE	
F515	60		RTS						
F516	20 F8	CD	JSR:	\$CDF8		CONF	IDM	、 /	
F519		88	JSR	≉0076				, · · ·	
F51C	D0 F7		ENE	\$F515					
F51E	40 03	CE	JMF	\$CE03 ·	STAT AX	FRROR"			
F521	20 CE	F4		≢F4CE		1			
F524	A5 D2			LOGICA	L-FIL	E '(OPEI	N	
F526	FØ F6			\$F51E					
F528	AG GE			#\$0E					
F52A	20 8D	F2		\$F28D					
F52D	F0 41			\$F570 ≄⊖⊑					
F52F F531	A6 AE A0 00			≠⊓⊑ #\$00					
F533	84 96		STY						
F535	EØ ØA								
F537	FØ 37			\$F570					
F539	E6 AE		INC						
FSBE	A5 D2		LDA	LOGICA	L-FIL	E			
F53D	9D 51	02		\$0251.					
F540	A5 D3			SECNDY	-ADDS				
F542 F544	09 60 of No			##60					
F546	85 D3 90 65	80		SECNDY					
F549	A5 D4			\$0265,: DEVICE	×,				
F54E	90 SB	92		\$025B);	~				
F54E	FØ 55			\$F585	-				
F550	C9 03			#\$03					
F552	FØ 51			\$F5A5					
F554	90 03	_		\$F559					
	40 66	Fd		F466					1 1 10 0
15,55	HE DE		LĿĤ	SECNORY	-8005	НA	hdre	HEHDR	/ы ғит/эит Рит

F558	29 ØF	AND #\$0F
F55D	DØ 28	ENE \$F58A
	20 12 F8	JSR \$F812 "PRESS PLAY"
F55F	20 0A F4	JSR ⊈F40A
F562		LDA NAME-LEN
F565	A5 D1	BEQ \$F583
F567	F0 1A	
F569	20 94 F4	JSR #F494 FIND SPECIFIC HEADER
F560	DØ 24	BNE \$F592
F56E	AØ 24	LDY ##24 "FILE NOT FOUND"
	20 6E F2	ICD #FORF
F570	A9 0D	LDA ##0D CUTPUT
F573	20 D2 FF	JSR \$FFD2 OUTPUT (CR) ERROR
F575	A9 3F	LDA #\$3F ADVICE
F578		JSR \$FFD2 OUTPUT "?"
F57A		JSR \$F156
F57D		
F580	40 77 03	
F583	20 A6 F5	JSR #F5A6
F586	F0 E6	BEQ SFSE - FILE NOT FOUND
F588	DØ Ø8	<u>BNE \$F592</u>
F58A	20 47 FS	JSR \$F847 "PRESS PLAY + RECORD"
FSSD	A9 04	LDA #\$04
F58F	20 DA F5	JSR \$F5DA
	A6 D4	LDX DEVICE
F592		LDA #\$BF
F594	A9 BF	
F596	A4 D3	
F598	C0 60	CPY #\$60
F59A	FØ 07	BEQ ≉F5A3
F590	ନତ ତତ	ビロイ 井宇回回
F59E	A9 02	LDA #\$02
	rud rur	STA (BUFR-ADDS),Y
FEHM	91 UB	518 NOULWIDVDVV I
F580 F580	91 D6 98	
F582	98	ТҮА
F582 F583	98 95 BA	TYA STA \$BA,X •
F582 F583 <u>F585</u>	98 95 BA 60	TYA STA \$BA,X • RTS
F5A2 F5A3 <u>F5A5</u> F5A6	98 95 BA 60 A5 90	TYA STA \$BA,X • <u>RTS</u> LDA \$9D EIND
F5A2 F5A3 F5A5 F5A6 F5A8	98 95 BA 60 A5 90 48	TYA STA \$BA,X • RTS LDA \$9D PHA FIND
F5A2 F5A3 <u>F5A5</u> F5A6 F5A8 F5A9	98 95 BA 60 AS 90 48 20 55 F8	TYA STA #BA, X · <u>RTS</u> LDA #9D PHA JSR #F855 ANY
F5A2 F5A3 F5A5 F5A6 F5A8 F5A9 F5A9	98 95 BA 60 A5 90 48 20 55 F8 A0 00	TYA STA \$BA, X RTS LDA \$9D FHA JSR \$F855 LDY #\$00 TARS
F5A2 F5A3 <u>F5A5</u> F5A6 F5A8 F5A9	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6	TYA STA \$BA, X RTS LDA \$9D PHA JSR \$F855 LDY #\$00 LDA (BUFR-ADDS), Y TAPE
F5A2 F5A3 F5A5 F5A6 F5A8 F5A9 F5A9	98 95 BA 60 A5 90 48 20 55 F8 A0 00	TYA STA \$BA, X RTS LDA \$9D PHA JSR \$F855 LDY #\$00 LDA (BUFR-ADDS), Y TAPE
F5A2 F5A3 F5A5 F5A6 F5A8 F5A8 F5A8 F5A8 F5A8	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6	TYA STA \$BA, X RTS LDA \$9D PHA JSR \$F855 LDY #\$00 LDA (BUFR-ADDS), Y TAPE
F5A2 F5A3 F5A5 F5A6 F5A6 F5A6 F5A0 F5A0 F5A0 F580 F580	98 95 BA 60 AS 90 48 20 55 F8 A0 00 B1 06 C9 05 F0 21	TYA STA \$BA, X RTS LDA \$9D PHA JSR \$F855 LDY #\$00 LDA (BUFR-ADDS), Y CMP #\$05 BEQ \$F5D5 TAPER
F5A2 F5A3 F5A5 F5A6 F5A8 F5A8 F5A8 F5A8 F5A8 F588 F588 F584	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01	TYA STA \$BA, X RTS LDA \$9D PHA JSR \$F855 LDA \$9D PHA LDY #\$00 LDA (BUFR-ADDS), Y CMP #\$05 BEQ \$F5D5 CMP #\$01
F5A2 F5A3 F5A5 F5A6 F5A6 F5A8 F5A8 F5A8 F5A8 F5A8 F588 F588 F586 F586	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 06 C9 05 F0 21 C9 01 F0 04	TYA STA \$BA, X RTS LDA \$9D PHA JSR \$F855 LDY #\$00 LDY #\$00 LDA (BUFR-ADDS), Y CMP #\$05 BEQ \$F5D5 CMP #\$01 BEQ \$F5BC
F5A3 F5A5 F5A6 F5A6 F5A6 F5A6 F5A6 F5A6 F5A6	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04	TYA STA $#BA, X$ RTS LDA $#9D$ FIND PHA F855 ANY LDY $##00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $##05$ HEADER BEQ $#F5D5$ CMP $##01$ BEQ $#F5BC$ CMP $##04$
F5A2 F5A5 F5A6 F5A6 F5A6 F5A6 F5A6 F5A6 F5A6	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 D0 ED	TYA STA $\#BA, X$ • RTS LDA $\#3D$ FIND PHA FIND JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$
F5A2 F55A5 F55A6 F55A6 F55A6 F55A6 F55A6 F55A6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F55B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6 F555B6	98 95 BA 60 45 9D 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 AA	TYA STA $\#BA, X$ • RTS LDA $\#BD$ FIND PHA JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$ TAX
F5A2 F5A5 F5A6 F5A6 F5A6 F5A6 F5A6 F5A6 F5A6	98 95 BA 60 45 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 D0 ED AA 20 1D F3	TYA STA $\#BA, X$ · RTS LDA $\#BD$ FIND JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$ TAX JSR $\#F31D$
F5A3 F5A5 F5A6 F5A6 F5A6 F5A6 F5A6 F5A6 F55A6 F55A6 F55A6 F55B6 F55B6 F55B6 F55C F55C F55C F55C	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 C9 04 D0 ED AA 20 1D F3 D0 11	TYA STA $#BA, X$ RTS LDA $#9D$ FIND PHA F855 ANY LDY $##00$ TAPE LDA (BUFR-ADDS),Y TAPE CMP $##05$ HEADER BEQ $#F5D5$ CMP $##01$ BEQ $#F5BC$ CMP $##04$ BNE $#F5A9$ TAX JSR $#F31D$ ENE $#F5D3$
F5A3 F55A5 F55A6 F55A6 F55A6 F55A6 F55A6 F55A6 F55B6 F55B6 F55B6 F55C F55C	98 95 BA 60 A5 9D 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 21 C9 04 C9 04 C9 04 D0 ED AA 20 1D F3 D0 11 A0 A3	TYA STA $\#BA, X$ • RTS LDA $\#BD$ FIND PHA JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$ TAX JSR $\#F31D$ ENE $\#F5D3$ LDY $\#\#A3$ "Found"
F5A3 F55A5 F55A689 F55A689 F555A689 F555555555555555555555555555555555555	98 95 BA 60 A5 9D 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 C9 04 C9 04 C9 04 D0 ED AA 20 10 F3 D0 11 A0 A3 20 56 F1	TYA STA $\#BA, X$ • RTS LDA $\#BD$ FIND PHA FIND JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$ TAX JSR $\#F31D$ ENE $\#F5D3$ LDY $\#\#A3$ "Found" JSR $\#F156$
F5A3 F55A5 F55A5 F55A5 F55A68 F555555555555555555555555555555555555	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 C9 04 D0 ED AA 20 1D F3 D0 11 A0 A3 20 56 F1 A0 05	TYA STA $\#BA, X$ • RTS LDA $\#9D$ FIND PHA FIND JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5BC$ CMP $\#\#04$ BNE $\#F5B3$ TAX JSR $\#F31D$ BNE $\#F5D3$ LDY $\#\#05$ *F000b
F5885 F5885 F5885 F5885 F55555555555555	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 C9 04 D0 ED AA 20 1D F3 D0 11 A0 A3 20 56 F1 A0 05 B1 D6	TYA STA $\#BA, X$ • RTS LDA $\#BD$ FIND PHA FIND JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$ TAX JSR $\#F31D$ ENE $\#F5D3$ LDY $\#\#A3$ "Found" JSR $\#F156$
F5885 F5885 F5885 F5585 F5585 F555555555	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 C9 04 D0 ED AA 20 1D F3 D0 11 A0 A3 20 56 F1 A0 05	TYA STA $\#BA, X$ • RTS LDA $\#9D$ FIND PHA FIND JSR $\#F855$ ANY LDY $\#\#00$ TAPE LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ HEADER BEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5BC$ CMP $\#\#04$ BNE $\#F5B3$ TAX JSR $\#F31D$ BNE $\#F5D3$ LDY $\#\#05$ *F000b
F5885 F5885 F5885 F5885 F55555555555555	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 04 C9 04 C9 04 D0 ED AA 20 1D F3 D0 11 A0 A3 20 56 F1 A0 05 B1 D6	TYA STA $\#BA, X$ RTS LDA $\#9D$ PHA JSR $\#F855$ LDA $\#900$ LDY $\#\#00$ LDA $(BUFR-ADDS), Y$ CMP $\#\#05$ EEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BNE $\#F5A9$ TAX JSR $\#F31D$ BNE $\#F5D3$ LDY $\#\#05$ LDA $(BUFR-ADDS), Y$ JSR $\#FD2$ $uqPut$
F5885 F5885 F5885 F5585 F5585 F555555555	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 05 F0 AA 20 56 F1 A0 05 B1 D6 20 D2 FF	TYA STA $\#BA, X$ RTS LDA $\#9D$ FHA JSR $\#F855$ LDA $\#900$ LDY $\#\#00$ LDA $(BUFR-ADDS), Y$ CMP $\#\#05$ EEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$ TAX JSR $\#F31D$ ENE $\#F5D3$ LDY $\#\#05$ LDA $(BUFR-ADDS), Y$ JSR $\#FD2$ $uutPut$ INY
F5885 F5885 F55855555555555555555555555	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 05 F0 20 56 F1 A0 05 B1 D6 20 D2 FF C8	TYA STA $\#BA, X$ RTS LDA $\#9D$ PHA JSR $\#F855$ LDA $\#500$ LDA $(BUFR-ADDS), Y$ TAPE CMP $\#\#05$ EEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BNE $\#F5A9$ TAX JSR $\#F31D$ BNE $\#F5D3$ LDY $\#\#A3$ "Found" JSR $\#F156$ LDA $(BUFR-ADDS), Y$ JSR $\#FFD2$ output INY CFY $\#\#15$
F568890E02468600024798EF1	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 05 F0 AA A0 A3 C9 56 F1 A0 05 B1 D6 20 D2 FF C8 C0 15 C0 F6	TYA STA $\#BA, X$ RTS LDA $\#9D$ PHA JSR $\#F855$ LDA $\#900$ LDY $\#\#000$ LDA $(BUFR-ADDS), Y$ TAPE CMP $\#\#05$ EEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BNE $\#F5A9$ TAX JSR $\#F31D$ BNE $\#F5D3$ LDY $\#\#05$ LDY $\#\#05$ LDA $(BUFR-ADDS), Y$ JSR $\#F156$ LDA $(BUFR-ADDS), Y$ JSR $\#FFD2 \circumPut$ INY CFY $\#\#15$ BNE $\#F5C9$
F556890E02468600024798EF10	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 05 F0 21 C9 05 F0 21 C9 05 F0 21 C9 05 F0 04 C9 05 F1 A0 00 F1 A0 05 F1 A0 05 A0 05 A0 05 F1 A0 05 A0 0 A0 0	TYA STA $$BA, X$ RTS LDA $$BA, X$ PHA JSR $$F855$ LDA $$BDFR-ADDS$, Y LDY $$00$ LDA $(BUFR-ADDS$, Y TAPE CMP $$00$ CMP $$01$ BEQ $$F5D5$ CMP $$01$ BEQ $$F5BC$ CMP $$01$ BEQ $$F5BC$ CMP $$01$ BNE $$F5A9$ TAX JSR $$F31D$ BNE $$F5A9$ TAX JSR $$F156$ LDY $$100$ LDA $(BUFR-ADDS), Y$ JSR $$FFD2 = 047PuT$ INY CFY $$150$ ENE $$F5C9$ LDY $$100$ CMP $$1000$ CMP $$1$
F556890E024688000024798EF105	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 05 F0 21 C9 05 F1 A0 A3 C9 D2 FF C8 05 F1 A0 05 C9 05 F5 C8 05 C9 05 C9 05 F5 C8 05 C9 0	TYA STA $\#BA, X$ RTS LDA $\#BA, X$ PHA JSR $\#F855$ LDY $\#\#00$ LDA (BUFR-ADDS), Y TAPE CMP $\#\#05$ EEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ ENE $\#F5A9$ TAX JSR $\#F31D$ ENE $\#F5D3$ LDY $\#\#A3$ "Found" JSR $\#F156$ LDY $\#\#05$ LDA (BUFR-ADDS), Y JSR $\#FFD2$ output INY CFY $\#\#15$ ENE $\#F5C9$ LDY $\#\#01$ FLA
F556890E024688000024798EF105	98 95 BA 60 A5 90 48 20 55 F8 A0 00 B1 D6 C9 05 F0 21 C9 01 F0 04 C9 05 F0 21 C9 05 F0 21 C9 05 F0 21 C9 05 F0 04 C9 05 F1 A0 00 F1 A0 05 F1 A0 05 A0 05 A0 05 F1 A0 05 A0 0 A0 0	TYA STA $\#BA, X$ RTS LDA $\#BA, X$ PHA JSR $\#F855$ LDA $\#F855$ LDA $(BUFR-ADDS), Y$ TAPE CMP $\#\#00$ EEQ $\#F5D5$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#01$ BEQ $\#F5BC$ CMP $\#\#04$ BNE $\#F5A9$ TAX JSR $\#F31D$ ENE $\#F5D3$ LDY $\#\#05$ LDY $\#\#05$ LDA $(BUFR-ADDS), Y$ JSR $\#FFD2 = outPut$ INY CFY $\#\#15$ ENE $\#F5C9$ LDY $\#\#01$

FSDA	85 B4	STA \$84	
FSDC	20 56 F6	JSR #F656	WRITE
F5DF	AS FC	LDA START-ADS-HI	TAPE
F5E1	48	FHA	_
F5E2	A5 FB	LDA START-ADDS	HEADER
F5E4	48 ·	FHA	
F5E5	A5 CA	LDA \$CA	
F5E7	48	FHA	
FSES	A5 C9	LDA ≸C9	
FSEH	48	FHA	
FSEB	AØ BF	LDY #\$BF	
FSED	A9 20	LDA #\$20	
F5EF	91 D6	STA (BUFR-ADDS),Y	
F5F1	88	DEY	
F5F2	DØ FB	ENE FREF	
F5F4	A5 B4	LDA \$84	
F5F6	91 D6	STA (BUFR-ADDS),Y	
FSFS	08	INY	
F5F9	AS FB	LDA START-ADDS	
FSFE	91 D6	STA (BUFR-ADDS),Y	
F5FD	C8	INY	
FSFE	A5 FC	LDA START-ADS-HI	
F600	91 D6	STA (BUFR-ADDS),Y	
F602	C8	INY	
F603	A5 C9	LDA \$C9	
F605	91 D6	STA (BUFR-ADDS),Y	
F607	08	INY	
F608	AS CA	LDA ‡CA	
FEOR	91 D6	STA (BUFR-ADDS), Y	
F600	08	INY	
F60D	84 B5	STY \$85	
FEØF	A0 00	LDY #\$00	
F611	84 84	STY \$84	
F613	A4 B4	LDY \$84	
F615	C4 D1	CPY NAME-LEN	
F617	F0 0C	BEQ \$F625	
F619	B1 DA	LDA (\$DA),Y	
FE1B	A4 B5	LDY \$85	
F61D	91 D6	STA (BUFR-ADDS), Y	
F61F	E6 B4	INC \$84	
F621	E6 85	INC \$85	
F623	DØ EE	ENE \$F613	
F625	20 60 F6	JSR \$F66C	
F623	A9 69	LDA #\$69	
F628	85 C3	STA ≢C3	
FECC	20 90 F8	JSR \$F890	
FS2F	68	PLA	
FEBØ	85 C9	STA \$C9	
F632	68	PLA	
F633	85 CA	STA ≢CA	
F635	68	PLA	
FEBE	85 FB	STA START-ADDS	
FEIS	68	PLA	
FGB9	85 FC	STA START-ADS-HI	
FELE	60	RTS	· ·
FEED	20 E6 F8		· C+E
FREF	H2 99	しつと 井宇の町 しっと /	S+E
F :04 1	FIG 61	LD早 井中田生	ADDRESS
. 1 -	中(1) 下()元	I FAR A FUITE-GRAPHER P	

F647	ES		INX	
F648	CS		INT	
FE49	EØ 04		CFX	#李母4
FE4E	DØ F6		ENE	\$F643
F64D	A5 C7		LDA	
F64F	85 FB		STA	
F651	A5 C8		LDA	
F653	85 FC		STA	START-ADS-HI
F655	60		FTS	
F656	A9 78		STA	#\$7A BUFR-ADDS SET
F658	85 D6 89 02			#\$192 BUFFER
F65A	85 07			BUF-ADS+1
F650	A5 D4			DEVICE ADDRESS
F65E F660	4fi		LSR	A
F661	80 08		BCS	\$F668
F663	89 38		LDA	#李丞白
F665	85 D6		STR	BUFR-ADDS
F667	A9 03			#\$03
F669	85 D7			BUF-ADS+1
FEEB	60		RTS	
F660	20 E6			*FSES SET BUFF
F66F	20 56 of ps	r to	JSR LDA	
F672 F674	85 D6 85 FB			START-ADDS S+E
F676	18 18		CLC	POINTERS
F677	69 00			+ 4 5 C 0 1 C 7 C 7 C 7 C 7 C 7 C 7 C 7 C 7 C 7 C
F679	85 09			\$C9
F67B	85 D7			EUF-ADS+1
F67D	85 FC		STA	START-ADS-HI
F67F	69 80		ADC	#\$00
F681	85 CA		STA	\$CA
<u>F683</u>	60		RTS	
FES4	20 SB			\$0088 SYS'
F687 F68A	20 D2 60 11	00 00	JMP	40002
FEED	A5 28		LDA	
FEEF	85 09		STR	END-EASIC SET PROCRAM
F691	A5 28		LDR	
F693	85 CA		STA	
F695	A5 29		LDA	START-BASIC+1
,F697	85 FC			START-ADS-HI
F699	A5 28		LDA	
F69B Econ	85 FB		STA	START-ADDS
F69D F69E	<u>60</u> 20 3E	EA	RTS	
F681	20 3E 20 8D		JSR	SAVE'
F6A4	85 D4			DEVICE
FERE	D0 05			#F6AD
FEAS	HØ 74		LDY	
FEAA	40 70	F5	JMF	Detree met Prigewi
FEAD	C9 03		CMF	#\$103
FEAF	FØ F7		BEC	
F681 F683	90 50 00 44		BCC	\$F703
FEES	89 61 85 D3			
FLET	85 D3 84 D1			SECNDY-ADDS
FIER			ENE	NAME-LEN IFREE
FIFE		СЕ	THE	当日前日日
	: 7	· · ·		CHARLEN BUILD CHART TO THE STREET

F601 F604 F609 F609 F608 F608 F608 F608	A0 00 20 76 A5 C7 20 6F A5 C8	F1 FE F1	JSR LDA	SECNDY #F128 ##00 #F876 U-P0IN #F16F U-PTR+:	-ADDS	ADD 2 E 23	
FEDS FEDS		F1 FC	JSR JSR) END?		
F6DB	F0 10 B1 C7			I I I I I I I I I I I I I I I I I I I	J		
F6DD F6DF	20 6F			\$F16F			
F6E2	20 0F	F⊒		#FB0F	r r .		
F6E5 F6E7	E6 07 D0 EF		ENE	U-POIN ≉F6DS			
F6E9	E6 C8			U-PTR+1	L		
FEEB	DØ EB	F 4	يستعدن فتساقد فليشر فيهيد فالتعا	\$F6D8		East	
F6ED F6F0	20 83 24 D3	F1	BIT	I\$F183 SECNDY-	SEND "UNLIST		
F6F2	30 78		EIMI	\$F760			
F6F4		FØ		≴FØBA	SEND "LISTE!	N ⁻	
F6F7	AS DB			SECNDY-	-ADDS		
F6F9 F6F8	29 EF 09 E0			#≠EF #≠EØ	SEND 'En' SECON	SARY TO CLO	:E
FEFD	20 28	F1	JSR		SEND EN SCO		
F700	40 83			\$F183	SEND "UNLISTE	N	
F703	20 56 20 47	FG		≴F656 \$F847			CASSETTE
F706 F709	20 47 20 1D			≄F31D			
F700	00 08	• =	ENE				
F70E	A0 64		LD'r'		"WRITING"		
F710	20 56		JSR				
F713 F716	20 1D 89 01	F4	JSR LDA	\$F41D #\$01			
F718	20 DA	F5		\$F5DA			
F718	20 89	F8		\$F889			
F71E	A5 D3			SECNDY-	ADDS		
F720 F722	29 02 F0 48			#\$02 \$F760			
F724	A9 05			##05			
F726	4C DA	F5		≴F5DA	-		
F729 F728	E6 99 A5 99			\$99 \$99	UPDATE		
F72D	00 02			≄99 ≉F731	CLOCK		
F72F	E6 9A			\$9A	CUCK		
F731	09 6F			井宇白戸			
F733 F735	D0 06 A5 9A			\$F738 ≠000			
F727	09 92		LDA CMP	*20 #\$02			
FTEE	FØ 21			⊈F750			
FTIB FTID	56 8F			CLOCK+2	•		
FTEF	00,06 E6 8E			#F745 CLOCK+1			
F741	00 02			\$F745			
F742	ES SD		INC	CLOCK			
FT45	82 99 55 55			`#≠00			
F747 - 749	85 8D 99 8D	57		CLOCK, X BETRO, X			
	2010 - 1, 1 <u>,</u> 1	' '	<u>, 11</u>	21 (1 − 1 (1 + 12)) 			

F7451 F775578ACE0258AC F775577556258AC	EE0095A00955D00850 A95A00855D0850 608500850	03 F4 00 SC F8 00 F8 00	ES	INX CPX BDA STA DEX BEA STA STA STA STA STA STA STA STA STA	#≠03 ¥F747 #≠00 \$80, X \$F755 \$F762 #≠00 \$99 \$98 \$E812	
F76D	4F	18	01	48 SA	48 98	48
F770	48			FHA		SET INPUT
F771 F772	8A 48			TXA FHA		DEVICE
F773	98			ТҮА		
F774	48			PHA		
F775	A9				#\$00 CT	
F777 F779	85 88	96		STA TXA	ST	
F778	20	SD	F2	JSR	\$F28D	FIND FILE TABLE
F77D	FØ	05		EEQ	\$F784	
F77F	RØ	17		LDY	#\$17	"FILE NOT OPEN"
F781	40	78	F5	<u> </u>	\$F570	GET FILE DATA
F784 F787	20 45	99 D4	F2	JSR LDA	≉F299 DEVICE	
F789	FØ	10		BEQ	\$F798	-
F78B		03		CMP		
F7SD	FØ	9C			\$F798	
F78F	EØ OC	ØF			\$F780	
F791 F793	A6 E0	D3 60		CPX	5ECND4 #\$60	
F795	FØ	00 Ø4		BEQ		
F797		86		LDY		"NOT INPUT FILE"
F799	00	E6		BNE		·
F798 F79D	85 40			STA		KEYBOARD
F780	40	68	F 2	<u>JMF</u> FHA	\$F268	IEEE DEVICE
F7H1		E:6	FØ		\$F086	
F7A4	H5	ĽΞ			SECNDY	'-ADDS
F7A6	10			BPL		
F7A8 F7AB	20 40	69 Da		JSR	\$F169	
F7AE		<u>E1</u> 54	<u>F7</u> F1	J <u>INF</u> JSR	<u>\$F781</u> \$F164	
F7E:1	85	96		LDA		
F7E2	10	ØB		E:F'L	\$F788	
F785 F788	<u>40</u> 68	70	F4		<u> \$F47C</u>	
FTEE FTEE	ьз 40	ЭE:	57	F'LA .TMF		
FIEL	4:5:	<u> </u>		FHA		ET OUTPUT
FURNER	: H			The	2	ET OUTPUT

	40	FHA
F700	48	
F701	A9 00	LDA #\$00
F7C3	85 96	STA ST
F705	8A	TXA
F706	20 8D F2	JSR ≇F28D
F709	DØ 84	BNE \$F77F
F7CB	20 99 F2	JSR \$F299
F7CE	A5 D4	LDA DEVICE
F700	DØ 04	BNE ≉F7D6
F702	A0 94	LDY #\$94
F7D4	DØ AB	BNE \$F781
	<u>C9 03</u>	CMP #\$03
F706		
F7D8	F0 0C	
F7DA	10 0F	BPL #F7EB
F7DC	AE D3	LDX SECNDY-ADDS
F7DE	E0 60	CPX #\$60
F7E0	DØ Ø4	ENE \$F7E6
F7E2	AØ 94	LDY ##94
F7E4	DØ 98	BNE \$F781
F7E6	85 BØ	STA \$80
F7E8	40 68 F2	JMP \$F268
FTEB	48	PHA
F7EC	20 BA F0	JSR \$FOBA SEND "LISTEN"
		0211 41 0211
F7EF	A5 D3	LDA SECNDY-ADDS
F7F1	10 05	BPL ≰F7F8
F7F3	20 2D F1	JSR ≢F12D
F7F6	ତ୍ର ରହ	<u>BNE \$F7FB</u>
F7F8	20 28 F1	JSR ⊈F128
F7FB	A5 96	LDA ST
F7FD	10 03	BPL #F802
F7FF	4C 7C F4	JMP ≨F47C
F802	68	PLA
F803	4C E6 F7	JMP \$F7E6
FEEE	20 56 F6	
F809	A6 D4	LDX DEVICE BUMP TAPE
F808	F6 BA	INC #BAX BUFFER
FSØD	B4 BA	
FSOF		
		CFY #\$C0
<u>FS11</u>	60	RTS
F812	20 35 F8	JSR \$F835 BED \$E846 WAIT
F815	F0.2F	
FS17	A0 41	LDY #\$41 PRESS FOR
F819	20 56 F1	JSR \$F156 PLAY"
F81C	A0 56	LDY ##56 -00 PLAY
F81E	20 56 F1	JSR \$F156 TAPE#
F821	A5 D4	LDA DEVICE
FS23	09 30	0RA #\$30
F825	20 DS E3	JSR \$E3D8
F828	20 F0 F8	JSR ⊈F8FØ
FS2B	20 35 F8	JSR ⊈F835
F82E	20 20 F8 D0 F8	008 #F620 BNE #F828
F830	A0 AA	
F832		- 1
F825	<u>40 56 F1</u> A9 10	JMP \$F156
F837	AS 10 AS D4	LDA #\$10 IDX DEVICE TEST
FSIR		
	CA CA AA	DEX CASSETTE
Fel A	F0 02	BE创 集团部35
1,	(남편) 운영	にわら、非事定項
	•	Γ T I = t − t − t − t − t

F843	20-10	EΘ	EIT	≢E810	
F846	60		FTS		
F847		FS	JER	\$F835	WAIT
FS:4H	FØ FA		BEQ	\$F846	
FS4C	AØ 41			#\$41 "P	8. Av."
FS4E		F1	JSR LDY	\$F156 #\$4D •	RECORD'
F851	AØ 4D		BNE	\$F819	AFCORD-
F853	<u>DØ C4</u> 89 00		LDA	#\$00	
F855	A9 00 85 96		STH	ST	INITIATE
F857	85 9D		STA	⊈ 9D	
F859 F858	20 60	F6	JSR	\$F66C	TAPE
FS5E		FS	JSR	\$FSE6	READ
F961	20 12	FS	JSR	\$F812	RUID
F864	78		SEI		
F865	ମନ ଉତ୍ତ		LDA	#\$00	
F867	85 C2		STA	≴ C2	
F869	85 CE		STA	\$CE	
F868	85 CB		STA	\$CB ¢CC	
FS6D	85 CØ		STA STA	\$CØ \$C1	
FSEF	85°C1 85 B2		STA	\$62 \$	
F871	85 B2 86 D4		LDX	DEVICE	•
F873 F875	CA		DEX		•
F876	F0 07		EEQ	\$F87F	
F878	A9 90		LDA	#\$90	
FS7A	SD 4E	ES	STA	\$E94E	
FS7D	D0 03		ENE	\$F882	
FS7F	EE 11	ES	INC	\$E811	
F882	A2 ØE		LDX	#\$0E	
<u>F884</u>	DØ 15		BNE	\$F898	
F886	20 60		JSR	\$F660	1117.0
F889 F88C	20 E6 A9 14	F 8	JSR LDA	\$F8E6 #\$14	INITIATE
FSSE	85 C3		STA		TAPE
F890	20 47	FS		≠F847	
F893	78		SEI		WRITE
F894	89 AØ		LDA	#\$A0	
F896	SD 4E	E8	STA	\$E84E	
<u>Estat</u>	<u>_ 45 68</u>		LDX		
FSSE	20 98	FC		`≸FC9B`	
F89E	A9 02			#\$02	(CONMON TAPE
FSAG FSA2	85 DE 20 84		STA		-
FSA5	20 84 CE 13	FE	DEC	\$F884 \$E813	1/0
FSAS	A6 D4			DEVICE	CODE)
FEAA	CA		DEX		,
FSAB	00 09		EINE	\$F886	
FSAD	A9 34		LDA	#≠⊇4	
FSAF	8D 13	E8	STA	≢E813	
F8B2	85 F9		STA		
FSB4	<u>D0 0A</u>		ENE		
FSBE FSB9		ES			
FSBB	86 FA 29 EF		STX AND	\$FA #\$EF	
F ⊖E:D		ES	STA	##EF \$E340	
EGER	R2 FF	'	L.D.X		
-	FULL FF		L_[:'\'	##77F	
			··		

F807 F808 F80A F80D F802 F802 F804 F804 F804 F804 F804 F804 F804 F805 F805	CA DØ F8 8D 49 E8 58 A9 E6 C5 91 FØ 11 20 FØ F8 20 13 E8 10 F2 20 29 F7 40 CE F8 60	DEX BNE \$F8C2 STA \$E849 CLI LDA #\$E6 CMP \$91 BEQ \$F8E5 JSR \$F8F0 BIT \$E813 BPL \$F8CE BIT \$E812 JSR \$F729 JMP \$F8CE RTS	WAIT FOR I/C COMPLETION
FSEG	20 FØ F8	JSR \$F8F0	1/-
FSES	A9 E6		VO COMPLETE
FSEE	C5 91 DØ F7	CMP \$91 BNE \$F8E6	
FSED	DØ F7 60	RTS	TEST
FSEF FSF0	20 01 F3	ISP SERVI	
FSF3	DØ 08	BNE \$F8FD	TEST
FSF5	20 78 FC	JSR \$FC7B	STOP
FSFS	20 84 F2	JSR \$F284	KEY
FSFB	85 ØE	STA \$0E	
FSFD	40 3F 07	JMP \$C73F STX TIMING	
F900 F902	86 CC 85 CB	STX TIMING LDA \$CB	TAPE
F902 F904	08 08	ASL A	READ
F905	ØA	ASL A	
F906	18	CLC	TIMING
F907	65 CB	ADC \$CB	ADJUST
F909	18	CLC	ADJUST
F90A	65 CC	ADC TIMING	
F90C	85 CC A9 00	STA TIMING	
F90E F910	A9 00 24 CB	LDA #\$00 BIT \$CB	
F912	30 01	EMI \$F915	
F914	28	ROL A	
F915	06 CC	ASL TIMING	
F917	2A	ROL A	
F918	06 CC	ASL TIMING	
F91A F918	28	ROL A	
F910	AA AD 48 E8	TAX LDA ≢E848	
F91F	C9 15	CMP #\$15	
F921	90 F9	800 \$F910	
F922	65 CC	ADC TIMING	
F925	8D 44 E8	STA ⊈E844	
F928	SA	TXA	
F929 F920	6D 49 E8 8D 45 E8	ADC \$E849	
FPCF	8D 45 E8 58	STA ≢E845 CLI	
F = 1	60 60	RTS	
F9I1	AE 49 E8	LDX \$E849 12#	
F914	80 FF	LDY #\$FF	KEHD
FFIE	98	T'r'A	TAPE
F =	ED 48 E8	SBC \$E848 714	•
1 2	50 49 EB Va -	0F% #E849 PMF (FF97)	BITS
		·····································	

1258980E0135688E024698 99999999999999999999999999999999999	AA SC 48 E8 SC 49 E8 98 C 5 CC 86 CC 4A 66 CC 4A 66 CC 4A 66 CC 4A 66 CC 4B 18 50 40 E8 2C 10 E8 2C 10 E8 2C 10 E8 C5 4A A6 B2 F0 03 FA A6 B7 70 18	TAX STY $$E848$ STY $$E849$ TYA SEC TIMING STX TIMING LSR A $C^{0}M^{PUTE}$ ROR TIMING E^{LRPSEP} ROR TIMING E^{LRPSEP} LSR A T^{IME} LSR ROR TIMING S^{INCE} LDR $$CB$ $C^{T}C^{C}$ T^{RP} CLC $F^{A}C^{II}$ $T^{R}E^{R}$ BIT $$E840$ $C^{C}C^{R}$ T^{II} BIT $$E840$ $C^{C}C^{R}$ T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{II} BIT $$E840$ $C^{C}C^{R}$ T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} T^{R} BIT $$E840$ $C^{C}C^{R}$ T^{R} T^{R} T^{R} BIT $$E840$ C^{R} T^{R} T^{R} T^{R} BIT $$E840$ C^{R} T^{R} T^{R
F966F135778ACE02468BDF1 F9777778ACE02468BDF1 F99882468BDF1 F9999775999888BDF1	30 18 A2 00 69 30 65 CB C5 CC B0 1C E8 69 26 65 CB C5 CC B0 17 69 2C 65 CC 90 03 4C 07 FA A5 CE F0 1D 85 BE D0 19	BMI \$F988 LDX #\$00 ADC \$CB CMP TIMING BCS \$F993 *SHORT" cmcl€ INX ADC #\$26 ADC \$CB CMP TIMING BCS \$F997 *Louc* cmcl€ ADC #\$2C ADC \$CB CMP TIMING BCC \$CB CMP TIMING BCC \$F988 JMP \$F987 LDA \$CE BEQ \$F986 Exct of Scamming STA \$BE BNE \$F986
F99979 ACE021 F99979 ACE021 F99979 ACE021 F999802468 ACE020 F99802468 ACE020	E6 BF <u>B0 02</u> C6 BF 38 E9 13 E5 CC 65 9C 85 9C 85 9C 85 89 49 01 85 89 F0 21 86 D9 85 CE F0 18 20 4D E8 50 12 50 12	INC $\#EF$ COUNT "SHORTS" BCS $\#F9999$ DEC $\#EF$ UN-COUNT "SHORTS" SEC SEC $\##13$ SEC TIMING ADC $\#9C$ Loc $timing$ "Error" STA $\#9C$ LDA $\#E9$ EOR $\#\#01$ STA $\#89$ EEQ $\#F9CE$ STX $\#D9$ Loc EVERT SECOND CYCLE LDA $\#CE$ EEQ $\#F9C8$ IF SCANNING EIT $\#E840$ TI INTERAUPT? EVC $\#F9C8$

F989					
F HE H	A5 87		LDA	≠ 87	
				\$F9EE	
F9BB	10 21		E:F'L		
FSED	30 09		<u>IM:</u>	<u>\$F988</u>	
FSEF	A2 A6		LDX	#\$A6	
•		-9	JSR	\$F900	
F901		-			
F904	A5 E1		LDA	\$B1	
F906	D0 C3		ENE	\$F988	
	-	Ξ6	JMP	≴E6E4	
F908					-
F9CB	H5 90		LDA	\$9C	
F9CD	FØ 98		BEQ	\$F9D7	
	30 04		EMI	\$F9D5	
FSCF					
F9[)1	CE CB		DEC	≴CE	ADJUST
F903	C6 C8		DEC	\$CB	TIMINE
F905	E6 CB		INC	≴CE	TRACKING
			LDA	#\$00	
F907	89 00				
F909	85 90		STA	\$90	
FSDB	E4 D9		CPX	\$D9	LEGAL SHERT/LENC
	DØ ØF		ENE	\$F9EE	PAIR?
F900				+'l ='L	
F9DF	SA		TXA		
F9E0	DØ 89		BNE	\$F98B	
F9E2	85 BF		LDA	\$EF	
F9E4	30 CE		EMI	\$F3HC	
F9E6	C9 10		CMP	#\$10	
F9E8	90 C2		E:CC	\$F9AC	
F9EA			STA	≸ĤE	
F9EC	BØ BE		BCS	\$F9AC	
F9EE	SA		TXA		BIT RECEIVED: STORE
F9EF	45 B1		EOR:	\$E1	PARITY
F9F1	85 B1		STA	\$E1	
F9F3	AS CE		LDA	≴CE	
F9F5	F0 D1		BEQ	\$F9C8	IF SCAN.MODE
F9F7	C6 B7		DEC	\$B7	ONE LESS BIT TO COME
F9F9	30 C4				
			EMI	\$F98F	
F9FB	46 D9		LSR	\$D9	
F9FB F9FD			LSR	\$D9	STORE BIT
F9FD	46 D9 66 DF		LSR ROR	≴D9 ≸DF	• • • • • •
F9FD F9FF	46 D9 66 DF A2 DA		LSR ROR LDX	≴D9 ≴DF #⊈DA	STORE BIT SET TIMING
F9FD F9FF FA01	46 D9 66 DF A2 DA 20 00 F	9	LSR ROR LDX JSR	≢D9 \$DF #\$DA \$F900	שמואוד בא
F9FD F9FF FA01 FA04	46 D9 66 DF A2 DA 20 00 F ,40 E4 E	9	LSR ROR LDX JSR	≴D9 ≴DF #⊈DA	שמואוד בא
F9FD F9FF FA01	46 D9 66 DF A2 DA 20 00 F	9 16	LSR ROR LDX JSR	≢D9 ≸DF #≨DA \$F900 \$E6E4	SET TINIUG
F9FD F9FF F801 F804 F807	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB	-9 16	LSR ROR LDX JSR JMP LDA	≢D9 ≢DF #≢DA ≢F900 <u>≢E6E4</u> ≇AB	SET TIMING
F9FD F9FF FA01 FA04 FA07 FA03	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04	9 16	LSR ROR JSR JMP LDA BEQ	≠D9 ≢DF #≢DA ≢F900 <u>≢E6E4</u> ≢AB ≢FA0F	SET TIMING LENDER AND DE?
F9FD F9FF FA01 FA04 FA07 FA09 FA08	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE	79 16	LSR ROR LDX JSR JMP LDA BEQ LDA	<pre>\$D9 \$DF #\$DA \$F900 \$E6E4 \$AB \$FA0F \$CE</pre>	SET TIMING LENDER AND DE?
F9FD F9FF FA01 FA04 FA07 FA09 FA08 FA08	46 D9 66 DF A2 DA 20 00 F <u>40 E4 E</u> A5 AB F0 04 A5 CE F0 07	79 16	LSR ROR LDX JSR JMP LDA BEQ LDA	≠D9 ≢DF #≢DA ≢F900 <u>≢E6E4</u> ≢AB ≢FA0F	SET TIMING LENDER AND DE?
F9FD F9FF FA01 FA04 FA07 FA09 FA08	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE	59 16	LSR ROR LDX JSR JMP LDA BEQ LDA	≠D9 \$DF #\$DA \$F900 <u>\$E6E4</u> \$AB \$FA0F \$CE \$FA16	SET TIMING LENDER AND DE?
F9FD F9FF FA01 FA04 FA07 FA09 FA08 FA00 FA00	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE F0 07 A5 B7	-9 -6	LSR ROR JSR JMP LDA BEQ LDA EEQ LDA		SET TIMING
F9FD F9FF FA01 FA07 FA07 FA08 FA08 FA00 FA0F FA0F	46 D9 66 DF A2 DA 20 00 F 4C E4 E A5 AB F0 04 A5 CE F0 07 A5 B7 30 03	9	LSR ROR JSR JMP LDA BEQ LDA BEQ EDA BMI		SET TIMING LENDER AND DE?
F9FD F9FF FA01 FA07 FA09 FA08 FA08 FA05 FA05 FA011 FA13	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE F0 07 A5 B7 30 03 40 97 F	9	LSR ROR JSR JDA BEQ LDA BEQ LDA BEQ LDA BMI JMP		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D?
F9FD F9FF FA01 FA07 FA07 FA08 FA08 FA00 FA0F FA0F	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE F0 07 A5 B7 30 03 40 97 F 46 CC	9	LSR ROR JSR JDA BEQ LDA BEQ LDA BEQ LDA BMI JMP		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D?
F9FD F9FF FA01 FA07 FA09 FA08 FA08 FA05 FA05 FA011 FA13	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE F0 07 A5 B7 30 03 40 97 F	9	LSR ROR JSR JSR LDA BEQ LDA BEQ LDA BEQ LDA BEQ LDA E SMI LSR		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE UNDESTED
F9FD F9FF FA01 FA04 FA07 FA09 FA08 FA08 FA06 FA01 FA13 FA13 FA16 FA18	46 D9 66 DF A2 DA 20 00 F 4C E4 E A5 AB F0 04 A5 CE F0 07 A5 B7 30 03 4C 97 F 46 CC A9 93	9 6	LSR ROR JSR JMA BEA BEA BMP LSR LSR		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE UNDESTED
F9FD F9FF FA01 FA07 FA07 FA09 FA08 FA08 FA08 FA11 FA13 FA16 FA18 FA18 FA18	46 D9 66 DF A2 DA 20 00 F 4C E4 E A5 A8 F0 04 A5 CE F0 07 A5 B7 30 03 4C 97 F 46 CC A9 93 38	9. 9.	LSR ROR JSR JMA BEA BEA BEA BEA BEA SEC		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE EXPECTED TIMING
F9FD F9FF FA04 FA07 FA09 FA08 FA08 FA08 FA08 FA011 FA13 FA13 FA18 FA18 FA18 FA18	46 D9 66 DF A2 DA 20 00 F 4C E4 E A5 AB F0 04 A5 CE F0 07 A5 67 A5 67 A5 67 A5 97 F0 97 A5 93 4C 97 F 46 CC A9 93 E5 CC	9	LSR ROX JSP LDR LDR LDR LDR LDR LDR LSR SBC		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE EXPECTED TIMING TIMING
F9FD F9FF FA01 FA07 FA07 FA09 FA08 FA08 FA08 FA11 FA13 FA16 FA18 FA18 FA18	46 D9 66 DF A2 DA 20 00 F 4C E4 E A5 A8 F0 04 A5 CE F0 07 A5 B7 30 03 4C 97 F 46 CC A9 93 38	9	LSR RORX JSR LDR LDR LDR LDR LDR LSR LSR SBC		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE EXPECTED TIMING
F9FD F9FF FA04 FA07 FA09 FA08 FA08 FA08 FA08 FA011 FA13 FA13 FA18 FA18 FA18 FA18	46 D9 66 DF A2 DA 20 00 F 4C E4 E A5 AB F0 04 A5 CE F0 07 A5 67 A5 67 A5 67 A5 97 F0 97 A5 93 4C 97 F 46 CC A9 93 E5 CC	9	LSR ROX JDA JDA BEA BEA BEA BEA BEA BEA BEA BEA BEA BE		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE EXPECTED TIMING TIMING
F9FD F9FF FA04 FA07 FA09 FA09 FA09 FA09 FA09 FA09 FA09 FA09	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE F0 07 A5 B7 30 03 40 97 F 46 CC A9 93 38 E5 CC 65 CB 0A	9	LSR ROX JMA JDA LDA LDA LDA LDA LDA LDA LDA LDA LDA L	<pre>\$D9 \$DF #\$DA \$F900 \$E6E4 \$F6E4 \$F60F \$F60F \$F60F \$F616 \$F616 \$F6997 TIMIN0 #\$93 TIMIN0</pre>	SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE EXPECTED TIMING TIMING
F9FD F9FF FA04 FA07 FA09 FA08 FA08 FA08 FA11 FA16 FA18 FA18 FA18 FA18 FA18 FA18 FA18 FA16 FA16 FA16 FA16 FA16 FA16 FA16 FA16	46 D9 66 DF A2 DA 20 00 F 40 E4 E A5 AB F0 04 A5 CE F0 07 A5 03 F0 07 A5 03 40 97 F 46 00 A9 93 38 CC 65 CB 0A AA	9	LSR ROX JMA LEA LEA LEA LEA LEA LEA LEA LEA LEA LE		SET TIMING LEADER AND SCAN-MODE? FULL BYTE REC'D? FULL BYTE REC'D? CALCULATE EXPECTED TIMING TIMING
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FA3469 FA389 FA380 FA380 FA380 FA444 FA440 FA440 FA440 FA440 FA450 FA50 FA50 FA50 FA50 FA50 FA50 FA50 FA	85 AB A9 C0 80 4E E8 85 CE A5 AB 85 CF A9 00 85 CF A9 00 85 CF A9 00 85 CF A9 00 85 CF A9 00 85 CF A9 00 85 CF 85	STA \$AB LDA \pm CO STA \$E84E ARM TI INTERRUPT STA \$CE LDA \$AB STA \$CE LDA \$AB STA \$CF BEQ \$FA4A LDA \pm SOO STA \$CE LDA \pm SOO STA \$E84E DISARM TI INT. LDA \$DF STA \$DD LDA \$BE COPY RECEIVED URA \$BF CHARACTER TO BUFFER STA \$DO JMP \$E6E4
FA54 FA57	4C E4 E6 20 84 FB	ISP SEESA DEAD
FASA	85 B2	STA STA STA
FASC	A2 DA	
FASE	20 00 F9	JSR \$F900 CHHKNON LDA \$DE
FA61 FA63	A5 DE F0 02	EUA ≄UE BEQ \$FA67
FA65	85 BD	STA \$BD
FA67	A9 0F	LDA #\$0F
FA69	24 C2	BIT \$C2
FAGE	10 17 A5 CF	BPL \$FAS4 LDA \$CF
FAGD FAGF	D0 00	ENE \$FA7D
FA71	A6 DE	LDX #DE
FA73	CA	DEX
FA74	DØ ØB	BNE \$F881
FA76 FA78	A9 08 20 7F FB	LDA #≉08 JSR ≉F87F
FA7B	DØ 04	BNE \$FAS1
FA7D	A9 00	LDA #\$00 READ COMPLETE
FA7F	85 C2	STA \$C2
FA81 FA84	<u>40 E4 E6</u> 70 31	JMP \$E6E4 EWS \$FAE7 IMPUT-MODE?
FASE	DØ 18	BNE \$FAAG COUNTDOWN-MODE?
FASS	A5 CF	LDA SCF SEARCHINGDE.
FREA	D0 F5	BNE \$FR81
FREC	A5 D0 D0 51	LDA \$DØ
FASE FA90	DØ F1 A5 BD	ENE \$FAB1 LDA \$ED FIRST ON SECOND PASS?
FR92	4A	LSR A SECOND -> CARRY
FASS	A5 DD	LDA \$DD LOOK FOR COUNTDOWN
FA95	30 03	BMI \$FA9A
FA97 FR99	90 18 18	BCC \$FAB1
FASA	10 80 15	CLC BCS ≉FAB1
FASC	29 ØF	AND #字母F ExtRACT COUNT
FASE	85 C2	STA \$02 LOG COUNT
FANG	06 C2 D0 DD	DEC \$C2 TRACK COUNTDOWN
FAA2 FAA4	D0 DD H9 40	ENE 本FAB1 conflete? LDA #本4回 SET MPut-Mode
FHFIE	85 02	STA #02
FREE	20 76 FB	JSR \$F876
	ារថ្មា ស៊េរភ្លា	LD户 北中间间
F Ent (Et	15 C.2	STA SES CLEAR CHECKSUM

_	F0 D0	BEQ \$FA81
FAAF		LDA #SEM COUNTDOWN
FHE1		STA \$C2 PASS 2
FABS	85 C2 DØ CA	BNE \$FA81
FAE5	H5 CF	LDA \$CF
FAB7	F0 0A	BEQ \$FAC5
FABS	F0 01 A9 04	LDA #\$04
FABB	20 7F FB	JSR \$FB7F
FABD	A9 00	LDA #\$00
FACO	4C 46 FB	.IMP ⊈EB46
FAC2	20 C6 FC	JSR \$FCC6 TEST MEMORY-LIMIT
FAC5	D0 03	ENE SFACD NOT YET
FACS	4C 44 FB	JMP \$FE44 YES, FLAG IT
FACA	HE ED	LDX FED WHICH PASS?
FACD	CA	DEX
FACE	F0 2D	BEQ FAFF PASS 2
FADØ	A5 90	LDA \$90 LOAD OR VERIFY?
FAD2	F0 0C	
FAD4		
FADS		LDA \$DD
FADS		
FADA	D1 C7	BEQ \$FAE2
FADC	FØ Ø4	
FADE	A9 01	LDA #\$01
FHEO	85 DØ	STA \$DØ LDA \$DØ ANY ERRORS?
FRE2	A5 D0	
FHE4	FØ 4C	DEW PRODE
FAES	A2 3D	LDX 井本団D CPX 本C内 nax/Mun Errors?
FAES	E4 C0	
FHEH	90 BF	BCC \$FB2B
FAEC	A6 C0	LDX \$C0
FAEE	A5 C8	LDA U-FTR+1 LOG
FAFØ	90 01 01	STH \$6101, X (READ
FAF3	A5 C7	LUH U-FUINIR / COOR
FAF5	9D 00 01	STA \$0100, X EKK
FAFS	E8	INX PASS 1
FAFS	ES	INX
FAFA	86 00	STX \$C0 J
FAFC	<u>40 32 FB</u>	<u>JMP \$F832</u>
FHFF	A6 C1	LDX \$C1
FE01	E4 C0	CPX \$C0
FE0I	FØ 37	BEQ \$FB3C
FB05	A5 C7	LDA U-POINTR
FE:07	DD 00 01	CMP \$0100,X
FEIGA	D0 30	BNE \$FB3C
FBOC	A5 C8	LDA U-PTR+1
FEØE	DD 01 01	CMP \$0101,X
FE:11	DØ 29	BNE \$FB3C
FB13	E6 C1	INC #C1
FE:15	E6 C1	INC \$C1
FE17	A5 9D	LDA \$9D
FB19	F0 0C	BEQ \$FB27
FE:1E	AS DD	LDA \$DD
FE:10	A0 00	LDY ##00 VERIFY
FE:1F	D1 07	CMP (U-POINTR), Y ERROR
FB⊇1	F0 19	BEQ SEBSC I
FE:22	AP 01	LDA ##01 PASS
FE 25	E DE	
	ក ្រច	LDA \$D0
1	F. FIT	BED \$FBB2
	-	

D02468ACH02468A8DF135798H1358ACH0368ACHF134689 2388333334444444455555555666666677777778888888888	20 7F FE 20 9F FE 20 9D 9D 9D 9D 9D	EAEAYACECEAAXXIXCQAEAQRRYYYRARQARPAAAASAASAASAASAASAASAASAASAASAASAASAASA	<pre>\$FB3C \$90 \$FB3C \$00 #\$00 (U-POINTR \$FB73 U-POINTR \$FB73 U-PTR+1 \$FB73 #\$FB73 #\$FB73 #\$C2 \$DE \$FB73 #\$C2 \$DE \$FB73 \$FB76 \$FB658 \$C2 \$DE \$FB73 \$FB76 #\$C3 \$FB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$C3 \$FFB76 #\$FB77 \$FFB76 #\$FB77 \$FFB76 #\$FB77 \$FFB76 #\$FB77 \$FFB76 #\$FB77 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB77 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB77 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB776 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76 \$FFB76</pre>	RESET 8-COUNT FOR NEW
FB8A FB8C FB8E	85 89 85 8E 85 81		#≢00 ≠89 ≄88 ≄88	FOR NEW BYTE
F890 <u>F892</u> F893	85 BF 60 A5 DD	STA <u>RTS</u> LDA	≉8F 	SUBRTN:
F895 F896	48 89 60	LSR LDA		WRITE A
FB98 FB9A	90 02 A9 60	BCC LDA		BIT TO
FE:90	A2 60	LD×	井宇回回	TAPE
FESE	80 48 E9 86 49 E6			
F Etili4				

FEAS	8D 40 ES	STA \$E840	
FERC	29 08	AND ##08	
FERE	60	RTS	
FERF	28	SEC	TAPE
FBBØ	66 C8	ROR U-PTR+1	
FE:E:2	30 30	BMI \$F8F0	WRITE :
FE:E:4	A5 BE	LDA \$BE	
FEES	D0 12	ENE \$FECA LDA #\$10	
FEE	A9 10	LDX #\$01	
FEBA	A2 01 20 9E FB	JSR \$FB9E	
FEEC		BNE \$FBF0	BYTE MARKER
FEEF	DØ 2F E6 BE	INC \$BE	MARKER
FEC1	E6 BE 85 C8	LDA U-PTR+1	1
FEC3	10 29	BPL ≢FBF0	
F805 F807	40 41 FC	JMP \$FC41	
FECA	A5 BF	LDA SEF	
FECC	DØ 09	ENE ≢FBD7	
FECE	20 98 FB	JSR \$FE9A	- 1
FED1	D0 1D	ENE FEFØ	START BIT
FED3	E6 BF	INC \$BF	BIT
FBD5	D0 19	ENE FEFO	51.
FED7	20 93 FB	JSR \$F893	
FEDR	DØ 14	ENE \$FBF0	
FEDC	A5 89	LDA ⊈B9	
FEDE	49 01	EOR #\$01	
FBEØ	85 B9	STA ⊈B9	
FEE2	F0 0F	BEQ ⊈FBF3	
FEE4	AS DD	LDA \$DD	
FEES	49 01	EOR #\$01	
FBES	85 DD	STA ⊈DD	
FEEA	29 01	AND #\$01	
FBEC	45 B1	EOR \$81	
FEE	85 B1	STA \$81	
FEFO	<u>40 E4 E6</u>	JMP \$E6E4	
FEF3 FEF5	46 DD C6 B7	LSR \$DD	
FEF7	C6 87 A5 87	DEC \$87 LDA \$87	
FEF9	FØ 3D	EEQ \$FC38	
FEFE	10 F3	BEN \$FBFØ	
FEFD	20 84 FB	JSR ≸FB84	
FC00	58	CLI	
FC01	AS BA	LDA \$BA	
FCOD	FØ 12	BEQ ≸FC17	
F005	A2 00		. \
FC:07	86 D9	STX \$D9	UNTDOWN
FC09	CE BA	DEC ≇BA Co	up (b
FCOB	A6 DE	LDX ≢DE	
FCOD	E0 02	CFX #≢02	
FCOF	D0 02	ENE \$FC13	
FC11 FC12	09 80 95 86	0RA #\$80	
FC15	85 DD D0 D9	STA ⊈DD SNG ¢SSSS	
FC17	• • •	BNE \$FBF0	
FC1H	20 C6 FC 30 0A	JSR \$F006 BCC \$F026	
	199 900 (00 91		
	11日 11日	ENE FFERF INC U-FTF+1	
	and a second second		

	A0 00	
FC26		LDY #\$00 LDA (U-POINTR),Y DA ^{AA} STA \$DD
FC28		STA ≴DD
FC2A	85 DD	
FC2C	45 D9	STA \$D9
FC2E	85 D9	INC U-FOINTR
FC20	E6 ·C7	
FC32	DØ BC	BNE \$FBF0
FC34	E6 CS	INC U-PTR+1
FC36	DO ES	ENE \$FBF0
FC38	A5 E1	LDA \$B1
FC3A	49 01	EOR #\$01
FC3C	85 DD	STA \$DD
FCBE	4C E4 E6	JMP \$E6E4
FC41	CE DE	DEC \$DE
FC43	D0 03	BNE \$FC48
FC45	20 A6 FC	JSR \$FCA6
FC4S	A9 50	LDA #\$50
FC4A	85 BD	STA \$BD
FC4C	A2 09	LDX #\$08
FC4E	78	SEI
FC4F	20.98 FC	JSR ≄FC9B
FC52	DØ EA	BNE ≸FC3E
FC54	A9 78	LDA #\$78
FC56	20 90 FB	JSE SFESC WRITE
FC59	DØ E3	ENE FRE TAPE
FC5B	C6 BD	DEC \$BD
FCSD	DØ DF	DEC \$BD BNE \$FC3E LEADER
FCSF	20 84 FB	JSR \$FB84
FC62	C6 C3	
FC64	10 D8	BPL \$FC3E
FC66	10 08 A2 0A	LDX #\$0A
FC68	20 98 FC	JSR \$FC98 CLI
FC6B	58	
FC6C	E6 C3	INC \$C3
FCGE	A5 DE	LDA \$DE
FC70	FØ 24	BEQ \$FC96
FC72	20 76 FB	JSR \$F876
F075	A2 09	LDX #\$09
FC77	SE EA	STX \$BA
FC79	<u>D0 82</u>	<u>BNE</u> ≉FBFD
FC7E	08	PHP SEI TERMINATE
FC7C	78	
FC7D	20 A6 FC	JSR \$FCA6 TAPE:
FC:30	A9 7F	LDA ##7F STA #FRAE RESTORE
FCS2	8D 4E E8	STA \$E84E KESTURE
FC85	89 BC	LDA ##30 NORNAL
FCST	8D 11 ES	STA #ES11 VECTOR
FCSA	A9 30	LDA ##3D
FCBC	8D 13 E8	STA \$E813
FCSF	A2 0C	LDX #\$0C
FC91	20 98 FC	JSR ≴FC9B
FC94	28	FLF
FC	60	RITS
FCAR	20 78 FC.	
FC99	F0 A3	BEQ \$FCBE SET
FC 🗄 E:	BD 01 FD	LDA SFDO1 × INTERRUPT
ELST.	ំនុក្ខ ក្រុស្ត	CTA 400
F LATET	80 02 FD	LDH FFDU2 N VECTOR
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FCA6	Ĥ9	3C	,	LDA	- 井本区C - キロロイマ	TURN
FCAS	80	13	ES	STA LDA	≠E813 ≉E840	
FCHE	HD	40	EΞ	ORA	##10 ##10	MOTORS
FCHE	Ø9	10	EΘ	STA	##10 \$E840	MOLOR
FCBØ	8D	4면		RTS		
FCE?	69	C7		LDA	CH-PO	INTRO Y
FCE4	E:1	03		EOR	\$03	r u C C K J Y I
FCB6	45	03		STA	\$C3	CALCULATION
FCBS	85 E6	C7		INC	U-FOI	NTR CALCULA
FCER	со D0	02		ENE	\$FCC0	
FCBC	E6	C8		INC	U-FTR	+1
FCBE	20	C6	FC	JSR	\$F006	
FCCØ FCC3	DØ	EF		EHE	≴FCB4	
FCCS	60			RTS		_
FCCE	H5	08		LDH	U-P'TR-	+1 CHECK:
FCCS	05	CR		CMP	\$CA	T CHECK:
FCCA	DØ	04		ENE	\$FCD0	POINTER
FCCC	85	C7		LDA	U-FOI	NTR AT
FCCE	C5	C9		CIME	\$C9	LIMIT?
FCDØ	60			RTS		
FCD1	Ĥ2	FF		LDX	#\$FF	POWER-ON
FCDB	9A			TXS		
FCD4	DS		_	CLD		RESET
FCD5	20	DE	E1	JSR	\$E1DE	
FCDS	R9	89		LDA	#\$89]	
FCDA	85	94		STA	\$94	NHI = WARM VECTOR START
FCDC	89 8	C3		LDA		VECTOR START
FCDE	85	95		STA	\$95 J	
FCEØ	R9 or	17			#\$17	SOFTWARE
FCE2	85	92		STA	\$92 ##ED	
FCE4	A9	FD		LDA	#\$FD	(BRK)
FCE6	85 89	93 F7		STA LDA	\$93 J #\$F7	
FCE8			62	STA		MUM OP-CODE
FCEA FCED	8D 89	FA	خير اليام	LDA	\$03FA #\$E7	EXTENSION
FCEF	8D	FB	03	STA	##Er \$03FB	
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FD13	85			STA		LANGUAGE
FD15		16			\$FD2D	MON
FD17	A9			LDA		*B NON
FD19		85		STA	\$B5	
FD1B	08			CLD	_	
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FD88 FD8A	85 FB 80 01 02	LDA START-ADDS SET PC
FDSD	8D 01 02 85 FC	STA \$0201 ADDRS. LDA START-ADS-HI
FD8F	SD 00 02	STA \$0200
FD92 FD93	60 95 65	RTS
FD95	85 85 A9 99	STA #85 DISPLAY
FD97	20 CD FD	JSR \$FDCD MEMORY
FD9A	E1 FE	LDA (START-ADDS),Y
FD9C FD9F	20 75 E7	JSR \$E775
FUEF	20 D5 FD 66 85	JSR \$FDD5
n Lina Tunia	10 E1	DEC \$85 ENE \$FD97
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FDB5	68		E7	JMF	\$E7F7	• •7*	
FDB6	<u>4C</u>			JSR	±FDD5		
FDE9	20	05	FU	DEC	\$85		
FDBC	CE	B5		RTS	キ・ロ・ヘ・		
FDEE	60				#\$02		
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FDC1		FE					TC
FDC3	คร	ØZ		LDA	#\$02		REGISTERS
FDCS	85	FC		STA		-ADS-HI	•
FDC7	Ĥ9	05		LDA	#\$Ø5		
FDC9	60			RTS			
FDCH	20	CD	FD	JSR	\$FDCD		
FDCD	89	20		LDA	#\$20	SEND SP	ACE
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	DØ	06		BNE	\$FDDF		Bunp
FDD7	E6	FC		INC		-ADS-HI	POINTER
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FE4A	AD 08 02	LDA \$0208
FE4D	20 75 E7	JSR #E775
FE50	20 BF FD	JSR ⊈FDBF
FE53	20 93 FD	JSR \$FD93
FE56	FØ 39	BEQ \$FE91
FE58	20 EB E7	JSR ⊈E7EB 'M'
FE5B	20 A7 E7	JSR \$E7A7 '''
	90 34	BCC \$FE94
FE5E	20 97 E7	JSR \$E797
FE60	20 EB E7	JSR ≉E7EB
FE63	20 A7 E7	JSR \$E787
FESS	90 29	BCC \$FE94
FE69	20 97 E7	JSR \$E797
FE6B	20 01 F3	JSR \$F301
FEEE	-	BEQ \$FE91
FE71		LDX \$DE
FE73	A6 DE	
FE75	D0 1A	ENE \$FE91
FE77	38	SEC
FE78	A5 FD	LDA \$FD
FE7A	E5 FB	SBC START-ADDS
FE7C	A5 FE	LDA \$FE
FE7E	E5 FC	SBC START-ADS-HI
FESO	90 0F	BCC \$FE91
FES2	A0 38	LDY #\$3A
FE84	20 15 FE	JSR \$FE15
FES7	20 68 E7	JSR \$E76A
FESH	A9 08	LDA #\$08
FESC	20 93 FD	JSR \$FD93
FE8F	F0 DD	BEQ \$FE6E
FE91	40 56 FD	
FE94	40 F7 E7	JMP \$E7F7
	<u>20 86 87</u>	
FE97		HI IEA -
FE9A		RECISTERS
FE9D	-	BCC \$FEA2
FE9F	20 88 FD	JSR \$FD88
FEA2	20 CF FF	JSR SFFCF INNET
FEA5	20 A7 E7	JSR \$E7A7
FEAS	90 0A	ECC \$FEB4
FEAA	A5 FB	LDA START-ADDS
FEAC	8D 08 02	STA \$0208
FEHF	AS FC	LDA START-ADS-HI
FEE:1	8D 07 02	STA \$0207
FEE:4	20 BF FD	JSR ≴FDBF
FEE7	<u>D9 98</u>	ENE \$FEC3
FEB9	20 B6 E7	JSR #E786 ALTER
FEEC	20 A7 E7	JSR #ETAT MENORY
FEEF	90 D3	BCC #FE94
FEC1	A9 08	LDA #\$08
FECB	85 B5	STA \$85
FEC5	20 EB E7	JSR #E7EB
FEC8	20 A7 FD	JSR ≇FDA7
FECE	DØ FS	BNE \$FEC5
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FEDF	20 88 FD	JSR \$FD88
FEE2	HE 06 02	LDX \$0206
FEE5	9A	TXS
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FEE7	AD 07 02	LDA \$0207
FEER	85 91	STA \$91
FEEC	AD 08 02	LDA \$0208
FEEF	85 90	STA \$90
FEF1	AD 00 02	LDA \$0200
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FEF5	AD 01 02	LDA \$0201
FEFS	48	FHA
FEF9	AD 02 02	LDA \$0202
FEFC	48	PHA
FEFD	AD 03 02	LDA \$0203
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FFØE	40 F7 E7	JMF \$E7F7 "?"
FF11	HØ 01	STY DEVICE
FF13	84 D4	
FF15	88	
FF16	84 D1	STY NAME-LEN
FF18	84 9D	STY \$90
FF1A	A9 02	LDA #\$02
FF1C	85 DB	STA ¢DB
FF1E	A9 07	LDA #李母子 (TTO #\$93)
FF20	85 DA 88 65 55	STA \$DA
FF22	20 CF FF	JSR SFFCF IMPAT
FF25	C9 20	CMP #\$20
FF27	FØ F9	BEQ \$FF22
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FF2D FF2F	09 22 D0 DD	
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FFIE	E6 D1	INC NAME-LEN
FF40	C8	INT'
FF41	C0 10	CPY #\$10
FF43	F0 C9	BEQ #FF0E "?"
FF45	DO EA	ENE #FF31
FF47	A5 E4	
FF49	09 06	CMP #\$06
FF4E	D0 E2	BNE #FF2F -?"
FF4D	20 22 FB	JSR ≢F322
FF50	20 E6 F8	JSR ⊈F8E6
FF52	A5 96	LDA ST
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FF70	FØ FA		
FF72	85 D4	STA DEVICE	
FF74	20 CF FF	JSR \$FFCF	INPLT
FF77	C9 0D	CMP #\$@D	OK TO LCAD
FF79	FØ CC	BEQ \$FF47	OK TO LOAD
FFTB	C9 2C	CMP #\$20	
	DØ E6	BNE \$FF65	• · · · · · · · · · · · · · · · · · · ·
FFTD	20 A7 E7	JSR \$E7A7	INPLT TO THP
FFTF	20 97 E7	JSR \$E797	SWAP THPS THPZ
FF82	20 CF FF	JSR \$FFCF (NPUT
FFS5	C9 20	CMP #\$20	
FFSS			* 7 *
FFSA	-	JSR \$E7A7	HAT OT THAN
FFSC		LDA START-	
FFSF	H5 FB		
FF91	85 C9		onc_ut
FF93	A5 FC	LDA START-	
FF95	85 CA	STA \$CA	
FF97	20 97 E7	JSR \$E797	
FF9A	20 CF FF	JSR \$FFCF	INPUT
FFSD	C9 20	CMP #\$20	
FF9F	F0 F9	BEQ \$FF9A	
FFH1	C9 0D	CMP #⊈ØD	
FFA2	DØ E5	BNE ≸FF8A	• ? ·
FFAS	A5 B4	LDA \$84	
FFA7	C9 07	CMP #\$07	
FFA9	D0 F8	BNE \$FFA3	·· • •
	20 A4 F6	JSR \$F684	
FFAB		JMP \$FD56	
FFRE	4C 56 FD		
FFE:1	C. 0978 CBM	****	
FFC0	4C 21 F5	JMP \$F521	OPEN
FFCB	4C 89 F2	JMP \$F2A9	CLOSE
FFC6	4C 70 F7	JMP \$F770	Set input device
FFC9	40 BC F7	JMP \$F78C	Set output device
FFCC	40 72 F2	JMP \$F272	Restore default I/O devices
FFCF	40 E1 F1	JMP \$F1E1	Inout character From Sciultin
FFD2	40 BI FI 40 32 F2	JMP \$F232	Output character TO SCREEN
			LOAD
FFD5	40 C2 F3		
FFDS	40 9E F6	JMP \$F69E	SAVE
FFDE	4C 87 F4	JMF \$F487	
FFDE	4C 84 F6	JMP \$F684	SYS
FFE1	4C 0F F3	JMP \$F30F	Test Stop key
FFE4	40 D1 F1	JMP \$F1D1	Get character (inch Kersein)
FFE7	40 6E F2	JMP ≨F26E	Abort all I/O activity
FFEA	4C 29 F7	JMP \$F729	Clock update
_			~~
FFFØ		A AA AA AA	
FFFR	AA AA FE F		
	IMI	Reset Inte	errupt

0021-0022 0023-0027 0028-0029 002A-002B 002C-002D 002E-002F 0030-0031 0032-0033 0034-0035 0036-0037 0038-0039 003A-003B	42-43 44-45 46-47 48-49 50-51 52-53 54-55 56-57 58-59	USR Jump instruction lo-hi General counter for Basic. Search character ':' or endline Scan-between-quotes flag. 00 as delimeter Basic input buffer pointer; # subscripts Default DIM flag. First character of array name Variable flag, type: FF=string, 00=numeric Integer flag, type: 80=integer, 00=floating point DATA scan flag; LIST quote flag; memory flag Subscript flag; FNx flag Flags for input or read, 0==input: 64=get: 152=read ATN sign flag: comparison evaluation flag input flag; suppress output if negative current I/O device for prompt-suppress Basic integer address (for SYS, GOTO etc) Temporary string descriptor stack pointer Last temporary string vector Stack of descriptors for temporary strings Pointer for number transfer Misc.number pointer product staging area for multiplication Pointer: End-of-Basic, Start-of-Variables Pointer: End-of-Arrays Pointer: Bottom-of-Strings (moving down) Utility string pointer Previous Basic line number Previous Basic line number Previous Basic line number Pointer to Basic Stattener Pointer to Basic Stattener Pointer to Basic Inne number Pointer to Basic Inne number Pointer to Basic Inne number
-	•	
	•	
	-	
		Current Basic line number
003A-003B 003C-003D	58-59 60-61	· ·
003E-003F	62-63	Line number, current DATA line Pointer to current DATA item
0040-0041	64-65	Input vector
0042-0043	66-67	Current variable name
0044-0045		Current variable address
0046-0047		Variable pointer for FOR/Next
0048-0049	72-73	Y save register-new operator save; current operator pointer

004A 74 Special mask for current operator; comparison symbol 004B-004C 75-76 Misc numeric work area; function definition pointer, lo-hi 004D-004E 77-78 Work area; pointer to string description 004F 79 Length of above string 0050 80 constant used by garbage collect routine, 3 or 7 0051-0053 81-83 Jump vector for functions 0054-0058 84-88 Misc numeric storage area 0059-005D 89-93 Misc numeric storage area 005E-0063 94-99 Accumulator#1: E.M.M.M.M.S 0064 100 Series evaluation constant pointer 0065 101 Accumulator hi-order propogation word 0066-006B 102-107 Accumulator#2 006C 108 Sign comparison, primary vs. secondary 006D 109 Low-order rounding byte for Acc#1 110-111 Cassette buffer length/Series Pointer 006E-006F 0070-0087 112-135 Subrtn: Get Basic Char; 77,78=pointer 0088-008C 136-140 RND storage and work area 008D-008F 141-143 Jiffy clock for TI and TI\$ 0090-0091 144-145 IRQ RAM vector.lo-hi; hardware interrupt vector 146-147 Break interrupt vector 0092-0093 0094-0095 148-149 NMI RAM interrupt vector, lo-hi 0096 150 Status word ST 0097 151 Which key depressed: 255=no key 0098 152 Shift key: 1 if depressed 0099-009A 153-154 Clock correction factor:lsb-msb; 1/30 sec increment 009B 155 Keyswitch PIA duplicate of 59410 : STOP and RVS flags 009C 156 Timing constant buffer 009D 157 Load=0, Verify=1 009E 158 # characters in keyboard buffer 009F 159 Screen reverse flag 00A00 160 IEEE-488 output flag: FF=character waiting 00A1 161 End-of-line-for-input pointer 00A3-00A4 163-164 Cursor log (row, column) 00A5 165 IEEE-488 output character buffer 00A6 166 Key image 00A7 167 O=flashing cursor, else no cursor 8A00 168 Countdown for cursor timing **6400** 169 Character under cursor **AAOO** 170 Cursor blink flag OOAB 171 EOT bit received

OOAC 172 Input from screen/input from keyboard OOAD 173 X save flag OOAE 174 How many open files; pointer into file table OOAF 175 Input device, normally 0 00B0 176 Output CMD device, normally default of 3 00B1 177 Tape character parity 00B2 178 Byte reveived flag 00B4 180 Tape buffer character 00B5 181 Pointer in filename transfer 00B7 183 Serial bit count 00B9 185 Cvcle counter OOBA 186 Countdown for tape write; sync on tape header 00BB 187 Tape buffer#1 count 00BC 188 Tape buffer#2 count OOBD 189 Write leader count: Read pass1/pass2 OOBE 190 Write new byte; Read error flag 00BF 191 Write start bit; Read bit seq error 0000 192 Pass 1 error log pointer 00C1 193 Pass 2 error correction pointer 00C2 194 Current function; 0-Scan; 1-15=Count; \$40=Load; \$80=End £000 195 Read checksum; Write leader length 00C4-00C5 196-197 Pointer to screen line 00C6 198 Column position of cursor on above line (0-79)00C7-00C8 199-200 Utility pointer: tape buffer, scrolling 00C9-00CA 201-202 Tape end address/end of current program 00CB-00CC 203-204 Tape timing constants 00CD 205 Flag for quote mode O=direct cursor, else programmed cursor 00CE 206 Timer 1 enabled for tape read; 00=disabled 00CF 207 EOT signal received from tape 00D0 208 Read character error 00D1 209 # characters in file name 00D2 210 Current logical file number 00D3 211 Current secondary addrs, or R/W command 00D4 212 Current device number 00D5 213 Line length (40 or 50) for screen 00D6-00D7 214-215 Start of tape buffer, address 8000 216 Line where cursor lives 00D9 217 Last key input; buffer checksum; bit buffer 00DA-00DB 218-219 Pointer to current file name OODC 220 Number of keyboard INSERTs outstanding

00DD 221 Write shift word/Receive input character OODE 222 #blocks remaining to write/read OODF 223 Serial word buffer 00E0-00F8 224-248 Screen line table: hi order address & line wrap 00F9 249 Interrupt driver flag for cassette#1 status switch OOFA 250 Interrupt driver flag for cassette#2 status switch 00FB-00FC 251-252 Tape start address 256-266 Binary to ASII conversion area 0100-010A 0100-013E 256-318 Tape read error log for correction 0100-01FF 256-511 Processor stack area 0200-0250 512-592 Basic input buffer 0200-0201 512-513 Program counter 0202 514 is processor status 0203 515 is accumulator 0204 516 X index 0205 517 Y index 0206 518 stack pointer 0207-0208 519-520 user modifiable IRO 0251-025A 593-602 Logical file number table 025B-0264 603-612 Device number table 0265-026E 613-622 Secondary address, or R/W cmd, table 026F-0278 623-632 Keyboard input buffer 634-825 027A-0339 Tape#1 buffer 033A-03F9 826-1017 Tape#2 buffer 03FA-03FB 1018-1019 Vector for Machine Language Monitor 1024-32767 0400-7FFF Available RAM including expansion 8000-8FFF 32768-36863 Video RAM 9000-BFFF 36864-49151 Available ROM expansion area C000-E0F8 49152-57592 Microsoft Basic interpreter EOF9-E7FF 57593-59391 Keyboard, screen, interrupt programs E810-E813 59408-59411 PIA 1 - Keyboard I/O E820-E823 59424-59427 PIA 2 - IEEE-488 I/O E840-E84F 59456-59471 VIA - I/O and timers F000-FFFF 61440-65535 Reset, tape, diagnostics, monitor



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