F	3	MAC	6=SEP=	64 03:11	ERROR	HANDLER.	READY. (COMPACTIFICATI	ION, NEW, CLEAR, MAIN
	-		0-0-1						on, han, deam, har
	1866				27860				, COMPACTIFICATION, NEW, CLEAR, MAIN
	1867				27880	IFN	LENGTH,		
	1868	002064		000052	27900	DATSNE:	LHLD	DATLIN	IGET DATA LINE
	1869	002065	000000						
	1870	005066							
	1871	002067*	001000		27920		SHLD	CURLIN>	MAKE IT CURRENT LINE
	1872	002070	000000	001607*					
	1873	002071	999999	002065*					
	1874	9929724	001000	000036	27940	SNERR:	MVI	E, ERRSN	; "SYNTAX ERROR"
	1875	002073*	000000	200000					
	1876	002074	001000	000001	27960		XWD	-01000.1	"LXI B." OVER THE NEXT 2
	1877	002075			27980	DVØERR:		E, ERROVØ	DIVISION BY ZERO
	1878	002076*		000013				.,	70272010 07 22110
	1879				28000	IFN	LENGTH,		
	1880	002077	901000	000001	59050		XWD	-01000,1	SKIP NEXT TWO
	1881	005100		000036	28040	NFERR:	MVI	E,ERRNF>	I "NEXT WITHOUT FOR" ERROR
	1882	005101,		000001	20040	HI CHA!		E / ENNNY >	FINENT MITHOUT FOR" ERROR
	1883	005105.		000315	28060	ERROR:	CALL	STKINI	PRESET THE STACK AND FLAGS
	1884	002102		002470*	20000	CKRUKI	CALL	SIVINI	TRESET INE STACK AND PLAGS
	1885			002070*					
	1886	002104	999999	865616	20200	IFN	CONTRA		
					28080	TEM	CONTRW	•	
	1867	002105		000257	28100		XRA	A	
	1888	005100,		000065	28120		STA	CNTWFL>	FORCE DUTPUT
	1889	002107							
	1890	005110,							
	1891	005111,		000315	28140		CALL	CRDO	ICRLF
	1892	005115.		004523					
	1893	002113		002107*					
	1894	002114		000041	28220		LXI	H, ERRTAB	IGET START OF ERROR TABLE
	1895	002115		000730*					
	1896	002116	000000	002112*					
	1897				28240	IFE	LENGTH-	2.5	
	1898	0021171	001000	000315	59590	LEPSKP:	CALL	REM	ISKIP AN ERROR MESSAGE
	1899	002120	999999	004074*					
	1900	002121							
	1901	005155.	991999	000035	28280		DCR	Ε	DECREMENT ERROR COUNT
	1902	002123			28282		INX	H	ISKIP OVER THIS ERROR MESSAGE
	1903	002124			28300		JNZ	LEPSKP>	ISKIP SOME MORE
	1984	002125			20300				TOWER WORK
	1905	005150,							
	1906	000150	000000	DOCTED.	28320	IFN	LENGTH.	.2.4	
	1987				26322	** "	MOV	D, A	JGET ZERO INTO D
	1908				28324		MVI	A, #?#	ISTART OF ERROR MESSAGE
	1908				28326		OUTCHR		TYPE IT
								0	
	1910				28340		DAD		ADD IN ERROR CODE
	1911				28360		MOV	A, M	GET FIRST ERROR CHARACTER
	1912				28380		OUTCHR		TYPE IT
	1913				28400		CHRGET		IGET 2ND CHARACTER OF ERROR CODE
	1914				28420		OUTCHR		TYPE IT
	1915				28440		LXI	H, ERR>	GET POINTER TO " ERROR"
		002127		000315	28460	ERRFIN:	CALL	STROUT	ITYPE IT
	1917	002130		007743*					
	1918	002131	000000	002125					

			LLEN/DAVIDOFF				SEP-75 PAGE 8-1	
F3	MAC	6=SEP=	64 03:11	ERROR	HANDLER,	READY,	COMPACTIFICATION,	NEW, CLEAR, MAIN
1919		001000		28489		LHLD	CURLIN	CURRENT LINE #
1920			001607					
1921			002130*					
1922	002135*	001000	000174	28500		MOV	A, H	ISEE IF IN DIRECT MODE
1923	0021361	001000	000245	28520		ANA	L	
1924			000074	28540		INR	A	ZERO SAYS DIRECT MODE
1925		801000		28560		CNZ	INPRT	PRINT LINE NUMBER IN (H,L)
	002141*			20300		CHE	*******	LENTH! FINE HOUSEN TH (UIF)
1927		999999	002133*	20500	***			
1928				28580	IFE	LENGTH,	, <	
1929				58600		XWD	*01000,1	"LXI B," OVER THE NEXT 2
1930				58650	END:			
1931				28640	STOP:	RNZ		MAKE SURE HE TERMINATED IT
1932				28660	STPEND:	POP	В	GET RID OF "NEWSTT" RETURN ADDRESS
1933				28680	ENDCON:	>		
1934				28682	IFE	LENGTH.	-2.4	
1935				28684	1	20.007111	**	
1936				28686	FOR "	TETH CO	DHMAND STOPPING	
1936					, FUR "	L131 C	JHHAND STUPPING	
				28688	,		*******	
1938				28690		XMD	*01000,*076	SKIP THE NEXT BYTE
1939		001000	000301	58985	STPRDY:		8>	
1940				28700	READY:		LPTSW, <	
1941				28720		CALL	FINLPT>	PRINT ANY LEFT OVERS
1942				28740	IFN	CONTRW	. <	
1943		901000	000257	28760		XRA	A	
1944			000065	28780		STA	CNTWFL>	FORCE OUTPUT
1945			001541*	20100		011	GITTHI G-	Tronge doiror
1946			002141	20000				
1947			000041	58860		LXI	H, SCODE+65535	
1948			177777					
1949			002147					
1950	002154	001000	000042	28820		SHLD	CURLIN	SETUP CURLIN FOR DIRECT MODE
1951	0021551	000000	001607					
1952			002152*					
1953			000041	28840		LXI	H. REDDY	I"READY" CRLF CRLF
1954			001725	23040				, many , when and
			002155'					
1955				20010	0001111		*****	
1956			000315	58860	REPINI:	LALL	INIT	PRINT IT, REPLACED BY CALL STROUT
1957			*200000					
1958		000000	002160					
1959				28880				JBY THE INIT CODE, THIS IS HERE SO AF
1960				28900				JERRORS DURING INIT, INIT IS RESTARTED
1961		001000	000315	88920	MAIN:	CALL	INLIN	JGET A LINE FROM TTY
1962			002776*					
1963			005163,					
			000327	28940		CHRGET		ACET THE ETGET
1964	002170	001000						GET THE FIRST
1965		001000	000074	28960		INR	A	SEE IF @ SAVING THE CARRY FLAG
1966		001000	000075	28980		DCR	A	
1967	002173	001000	000312	29000		JZ	MAIN	; IF SO, A BLANK LINE WAS INPUT
1968			002165*					
1969			002166					
1970				29020		PUSH	PSW	SAVE STATUS INDICATOR FOR 1ST CHARACT
				29040		CALL	LINGET	FREAD IN A LINE #
	002177*							

	BASIC M	MAC 8080		64 03:11				SEP-75 PAGE 8-2 OMPACTIFICATION,	NEW, CLEAR, MAIN
	1972	005500	900000	003642*					
•	1973	1085800		002174*					
	1974	,202500		000325	29060		PUSH	D	SAVE LINE #
	1975	002203			29080		CALL	CRUNCH	CRUNCH THE LINE DOWN
•	1976	992294		002533*			CALL	CHONGH	ACKORDI THE CARE DOWN
	1977	002205							
	1978	005500,			29100		MOV	B, A	:A=@ AFTER CRUNCH, [B,C]=CHAR COUNT FOR NODEL
•	1979	002207		000321	29120		POP	0	RESTORE LINE #
	1980	005510.	001000		29140		POP	PSW	JWAS THERE A LINE #?
	1981	005511,			29160		JNC	GONE	FIF NOT ITS A DIRECT STATEMENT
	1982	005515.		003370	6,100		0110	BUIL	/IF NOT ITS A DIRECT STRICTER
	1983	002213							
	1984	002214*			29180		PUSH	D	
•	1985	992215		000305	29200		PUSH	В	ISAVE LINE # AND CHARACTER COUNT
	1986	005510,		000327	89888		CHRGET		FREMEMBER IF THIS LINE IS
	1987	002217			29240		PUSH	PSW	IBLANK SO WE DON'T INSERT IT
•	1988	0055500		000315	29260		CALL	FNOLIN	GET A POINTER TO THE LINE
_	1989	0055551,		002371*	24500		CALL	FROLIN	AREL & LOTHICK TO THE PINE
	1990	0055555		005515,					
•	1991	002223	001000	000305	29280		PUSH	В	SAVE THE POINTER
-	1992	OUCEE	00.000	00000	29300	IFE	LENGTH-		TOATE THE POINTER
	1993	9922244	001000	000334	29320		CC	DEL>	DELETE THE LINE
•	1994	00555224		011271'	6,260		00	000	ADELLE INC CANE
-	1995		000000						
	1996	005550	000000	DASEE1.	29340	IFN	LENGTH-	3 -	
•	1997				29360	Tr is	JNC	NODEL	INO MATCH SO DON'T DELETE
-	1998				29380		XCHG	HUUEL	(O,E) NOW HAS THE POINTER TO THE LINE
	1999				29400		ACHO		BEYOND THIS ONE
•	2000				29420		LHLD	VARTAB	COMPACTIFYING TO VARTAB
_	2000				29440	MLOOP:	LDAX	0	CONFACILITIES IN VANIAN
	5005				29460	HEUUF.	STAX	8	SHOVING DOWN TO ELIMINATE A LINE
•	2003				29480		INX	8	ASHOATING DOWN TO EFTIMENSE & FINE
	2004				29500		INX	0	
	2005				29520		COMPAR		
•	5000				29540		JNC	MLOOP	IDONE COMPACTIFYING?
-	2007				29560		MOV	H, B	TOOKE COMPACTIFITING!
	8008				29580		MOV	L,C	
•	2009				29600		INX	H	INEW VARTAB
27	2010				59650		SHLD	VARTAB>	MEN TANTAD
	2011	992227	001000	000321	29640	NODEL:	POP	0	POP POINTER AT PLACE TO INSERT
•	2012	005530,		000361	29660	MODEL.	POP	PSW	SEE IF THIS LINE HAD
-	2013	005530	00.000	000501	29680				ANYTHING ON IT
	2014	002231	001000	000312	29700		JZ	FINI	IF NOT DON'T INSERT
•	2015	005535		002276*	27100		~~		11. HOL DON'T INDENT
B	2016	0055334		0022250					
	2017	002234		000052	29720		LHLD	VARTAB	CURRENT END
•	2018	005532		001621	27150		CITED	***************************************	ACAMENI END
-	2019	005539		005535.					
	5050	005534		000343	29740		XTHL		; [H,L] =CHARACTER COUNT. VARTAB
_	2021	BBE531.	001000	000343	29760		Y I HL		
· 11	5055	002240	001000	000301	29780		POP	A	JONTO THE STACK
	5053	002241		000011	29780		DAD	В	(B,C)=OLD VARTAB
3	2023	002241		000345	29820		PUSH	Н	ACAME NEW WARTAR
-	2024	DEC 246	BRIBBB	000343	27020		FUGH	n	ISAVE NEW VARTAB

- 3	MAC	6-SEP-	64 03:11	ERROR	HANDLER.	READY.	COMPACTIFICATION,	NEW, CLEAR, MAIN
2025	002243			29840		CALL	BLTU	
5056	902244*		002005					
2027	002245	000000	002235*					
8202	002246	001000	000341	29860		POP	н	JPOP OFF VARTAB
5859	002247	001000	000042	29880		SHLD	VARTAB	JUPDATE VARTAB
2030	0022500	000000	001621*					
2031	002251	000000	982244*					
2032			000353	29900		XCHG		
2033	0022531	001000	000164	29920		MOV	M, H	FOOL CHEAD WITH NON-ZERO LINK
2034	0022544	001000	000043	29940		INX	н	ISO IT DOESN'T THINK
2035		00.000		29960				ITHIS LINK IS THE
2036				29980				JEND OF THE PROGRAM
2037	002255*	001000	000043	30000		INX	н	, end et ine inventor
2038	0022561		000321	30020		POP	D	GET LINE # OFF STACK
2039	002257		000163	30040		MOV	M,E	TOUR PART PORT STACK
2040				30060		INX	H	JPUT DOWN LINE #
2040	005591,		000162	30080		MOV	M, D	Troi Donn Ellic P
						INX	H .	
2042	005595,	001000	000043	30100		TIMY	"	
2043	9999434	20100-	202021	70100			D BUE	THOUGHT THE COOM OUR TO BROCKET TO
2044	005593,		000021	30140		LXI	D, BUF	MOVE LINE FROM BUF TO PROGRAM AREA
2045	0055944		001431					
2046	005592		002250					
2047	005590,	001000	000032	30160	MLOOPR:	LDAX	0	INDW TRANSFERING LINE
2048				30180				IN FROM BUF
2049	005591,		000167	30200		MOV	M, A	
2050	005510,		000043	30220		INX	н	
2051	002271		000023	30240		INX	D	
2052	002272	001000	000267	30260		ORA	A	IZERO MARKS THE END
2053	0022731	001000	000302	30280		JNZ	MLOOPR	
2054	002274	000000	005590.					
2055			002264*					
2056	992276		000315	30300	FINI:	CALL	RUNC	JDD CLEAR & SET UP STACK
2057	9922771		0024371					
2058			992274*					
2059				30320				FALSO SETS [H,L] TO [TXTTAB] =1
5090	002301*	991999	999943	30340		INX	н	Lumbe and Political to Claritantal
5061	000301	00.000	0000	30360	,	*****		
5095				30380	CHEAD	GOES T	HROUGH PROGRAM ST	OPAGE AND ETVES
2063				30400			INKS. THE END OF	
2064				30420				R THE ZERO AT THE END.
				30440				TO DETECT THE END OF THE PROGRAM
2065					, THE D	DODLE Z	EKD 6144 12 0250	TO DETECT THE END OF THE PROGRAM
5066	0007074	nateer	000120	30460	CHEAD	MAN	0. 4	440 Ex-44 1x
2067	005305		000124	30480	CHEAD:	MOV	D, H	; (D, E) = (H, L)
8905	005303		000135	30500		MOV	E,L	
2069	002304		000176	30520		MOV	A,M	ISEE IF END OF CHAIN
2070	002305*		000043	30540		INX	н	BUMP POINTER
2071	002306		. 000599	30560		ORA	м	12ND BYTE
	002307		000312	30580		JZ	MAIN	DONE
2073	002310		002165					
2074	002311*	000000	002277*					
		001000	000043	30600		INX	н	FIX H TO START OF TEXT
2075								
2075	002313		000043	30620		INX	н	

F3	MAC	6=SEP=	64 03:11	ERROR	HANDLER,	READY, C	COMPACTIFICATION,	NEW, CLEAR, MAIN
2078	002315*	001000	000257	30660		XRA	A	SEARCHING FOR A ZERO IN MEMORY
	002316			30680	CZLOOP:			ITO MARK THE END OF THIS LINE
2080	002317	001000	000043	30700		INX	н	BUMP POINTER
2081	0023201	001000	000302	30720		JNZ	CZLOOP	END OF LINE
2882	002321	GAGGGG	002316*	JUILO		UITE	225001	TEND OF CINE
2083								
	002323			30740		XCHG		ACHTTON TOND
	002324			30760		MOV	M.E	ISWITCH TEMP
								100 FIRST BYTE OF FIXUP
	002325			30780		INX	н	ADVANCE POINTER
	002326			30800		MOV	M,D	2ND BYTE OF FIXUP
	0053514			30820		XCHG		AND BACK AGAIN
2089	002330	001000	000303	30840		JMP	CHEAD	KEEP CHAINING TIL DONE
	002331							
	0053354	000000	002321'					
5685				30860	IFE	LENGTH-	2,4	
2093				30880	1			
2094				30900	; SCNLI	N SCANS	A LINE RANGE OF	
2095				30920	I THE F	DRM #-#	OR # OR #- OR -	F OR BLANK
2096				30940			S THE FIRST LINE	
2097				30960	1			
2098	002333*	001000	000021	30980	SCNLIN:	LXI	D, SCODE	JASSUME START LIST AT ZERO
2099	0023341		0000000				-,	,
2100	0023351		002331*					
	002336		000325	31000		PUSH	D	SAVE INITIAL ASSUMPTION
	002337		000312	31020		JZ		FF FINISHED, LIST IT ALL
	0023401		002354	31060		32	ALLLSI	IL LIMISHED, FIST IL AFF
			002334*					
2104	002341	000000					_	
2105	002342	001000	000321	31040		POP	D	WE ARE GOING TO GRAB A #
	002343		000315	31060		CALL	D LINGET	IGET A LINE #, IF NONE, RETURNS ZERO
2107	002344	000000	003642					
	002345*		065340					
	002346		000325	31080		PUSH	D	ISAVE FIRST
	002347		000312	31100		JZ	ONELIN	IF ONLY # THEN DONE.
	002350		002365					
2112	002351	000000	002344*					
2113	002352	001000	000317	31120		SYNCHK	MINUTK	MUST BE A DASH.
2114	0023531	000000	000251					
	0023541		000021	31140	ALLLST:	LXI	D. \$CODE+*065529	LASSUME MAX END OF RANGE
	002355*		177771*					
	002356*		002350*					
	002357*		000304	31160		CNZ	LINGET	IGET THE END OF RANGE
	0023601		003642*	31100		CITZ	CINGCI	THE END OF MANGE
	005391,		002355*					
	005395,		000302	31180		JNZ	SNERR	······································
			002072*	31100		JIVE	SHERR	MUST BE TERMINATOR
	002363							
	002364			71.00	aug	MANIE		
	005362			31200	ONELIN:			; [H,L] = FINAL
2125	002366	001000	000321	31220		POP	D	GET INITIAL IN (D,E)
	002367			31240		XTHL		; PUT MAX ON STACK, RETURN ADDR TO (H,
	002370	001000	000345	31260		PUSH	H>	ISAVE RETURN ADDRESS BACK
2128				31280	;			
2129				31300	; FNDLI	SEARCH	ES THE PROGRAM TE	EXT FOR THE LINE
				31320				1. (D,E) IS PRESERVED.

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•	F3	MAC 8080		64 03:11				SEP-75 PAGE	ION, NEW, CLEAR, MAIN
	2131				31340	; THERE	ARE THE	REE POSSIBLE	RETURNS:
	2132				31360	1			
	2133				31380	,			ARRY NOT SET, LINE NOT FOUND.
	2134				31400	,	NO L	INE IN PROGR	AM GREATER THAN ONE SOUGHT.
,	2135				31420	;	[8,0	C) POINTS TO	TWO ZERO BYTES AT END OF PROGRAM.
	2136				31440	;	[H,I] = [8,C]	
	2137				31460	;		Carrier 1	
	2138				31480	,	2) ZERO	CARRY SET.	
	2139				31500	1			THE LINK FIELD IN THE LINE
	2140				31520	,			E SEARCHED FOR.
	2141				31540	,			THE LINK FIELD IN THE NEXT LINE.
	2142				31560	,	,	.,	THE EARL LARGE AN THE NEXT CAME.
	2143				31580	:	TI NON-	ZERO, CARRY	NOT GET
	2144				31600	:			[B,C] POINTS TO LINE IN PROGRAM
-	2145				31620				SEARCHED FOR.
	2145				31640	:			
No.							tu't	1 LOTHIS IN	THE LINK FIELD IN THE NEXT LINE.
•	2147			000000	31660			******	
	2148		001000		31680	FNDLIN:	LHLD	TXTTAB	GET POINTER TO START OF TEXT
	2149		000000						
	2150		000000						
	2151	002374*	001000	000104	31700	LOOP:	MOV	В,Н	IF EXITING BECAUSE OF END OF PROGRAM,
	2152				31720				(SET (B,C) TO POINT TO DOUBLE ZEROES.
		002375		000115	31740		MOV	C,L	
		002376		000176	31760		MOV	A,M	JGET WORD POINTER TO
	2155	002377	001000	000043	31780		INX	Н	BUMP POINTER
	2156	002400	001000	000266	31800		ORA	М	GET 2ND BYTE
	2157	002401*	001000	000053	31820		DCX	Н	IGO BACK
	2158	992492	001000	000310	31840		RZ		; IF ZERO THEN DONE
	2159	002403*	001000	000305	31860		PUSH	В	
	2160	002404	001000	000367	31880		PUSHM		; PUSH LINK
		002405		000367	31900		PUSHM		PUSH BINARY LINE #
		002406		000341	31920		POP	н	IPOP HERE
		002407*			31940		COMPAR		COMPARE (D,E) TO (H,L)
		002410		000341	31960		POP	н	JGET LINK
		002411		000301	31980		POP	В	GET POINTER TO THIS LINE IN (B,C)
•		002412		000077	32000		CMC	U	TURN CARRY ON
	2167			000310	32020		RZ		JEGUAL RETURN
		002414			32040		CMC		MAKE CARRY ZERO
							RNC		
		002415			32060		JMP	LOOP	IND MATCH RETURN (GREATER)
		002416			32080		JMP	LUUP	KEEP LOOPING
•		002417							
		002420	000000	002372					
	2173				35100	,			
	2174				32120				THE PROGRAM TEXT AS WELL
	2175				32140	; AS VA	RIABLE S	SPACE	
	2176				32160	;			
•	2177	002421			32180	SCRATH:			MAKE SURE THERE IS A TERMINATOR
	2178	002422	001000	000052	35500	SCRTCH:	LHLD	TXTTAB	
	2179	0024231	000000	001617					
	2180	002424*	000000	002417					
00-1	2181	The same was the same			35550	IFN	LENGTH.	-2,4	
	2182				32240		XRA	A>	
	2183				32260	IFE	LENGTH.	.2,4	

BASIC M	MAC MAC		LLEN/DAVIDOFF 64 03:11	ERROR	47(113) Ø HANDLER,	3:12 10- READY, C	SEP=75 PAGE 8=6 OMPACTIFICATION	, NEW, CLEAR, MAIN
2184	002425*	001000	000315	32280		CALL	TUFF>	TURN OFF TRACE. SET [A] =0.
	002426			36600			10112	TIONS OF TRACE, SET [AT-0.
	002427							
	002430			32300		MOV	M. A	ISAVE AT END OFF TEXT
	002431			32320		INX	H	BUMP POINTER
	002432			32340		MOV	M.A	SAVE ZERO
	002433			32360		INX	H	BUNP POINTER
	002434			32380		SHLD	VARTAB	
	002435			35300		SHLD	VARIAD	NEW START OF VARIABLE
	002436							
2194	DE 430	000000	005450	32400	IFE	LENGTH		
2195						LENGTH,	4	
				32420	RUN:	RNZ>		CHECK FOR A TERMINATOR
2196				32440	RUNC:	LHLD	TXTTAB	POINT AT THE START OF TEXT
2197								
	002441							
2199	002442	001000	000053	32460		DCX	Н	
5500				32480	1			
2201				32500	; CLEAR	LISAS	ORKOUTINE MHICH	INITIALIZES THE VARIABLE AND
5505				32520				AB ITHE END OF SIMPLE VARIABLE SPAC
5503				32540				STORAGES, IT FALLS INTO STKINI
2204				32560		RESETS	THE STACK, [H,L	I IS PRESERVED.
5022				32580	1			
5506				32600	IFE	STRING,	<clear:></clear:>	
2501	0024431	001000	000042	32620	CLEARC:	SHLD	TEMP	ISAVE [H.L] IN TEMP
8055	002444	000000	001603*					
5509	002445	000000	002440*					
5510				32640	IFN	STRING,	<	
1155	002446	001000	000052	32660		LHLD	MEMSIZ	
2112	002447	000000	001545*					
2213	002450	000000	002444*					
2214	002451	001000	000042	32680		SHLD	FRETOP>	FREE UP STRING SPACE
2215	0024521	000000	001573*					
	002453*							
	002454			32700		CALL	RESTORE	RESTORE DATA
	002455*							711001010
	002456*							
	002457			32720		LHLD	VARTAB	GET START OF VARIABLE SPACE
	002460			20,50			11111111	TOLI OTRAL DI TANTADEL SPACE
5555	002461	anagaga	002455*					
	002462			32740		SHLD	ARYTAB	SAVE IN START OF ARRAY SPACE
	002463!			35140		JII-D	Antiau	JOHTE AN START OF ARRAT SPACE
	002464							
5556				32760		SHLD	STREND	AND END OF VARIABLE STORAGE
	002466			36100		ang 0	SINEHU	TAND END OF VARIABLE STURAGE
	002467							
5558	002467	686668	005403	72792				
				32780			**** ***** *****	*** ** *******************************
5530				32800			THE STACK POIN	
2231				32820	; GOSUB	& FOR C	UNTEXT. STRING	TEMPORARIES ARE FREED
2232				32840				ING IS DISALLOWED,
5533				32860				THE STACK, THIS IS SO
2234				32880				N-"FOR" ENTRY AT THE BOTTOM
2235				32900	; OF THE	STACK.	[A] =0 AND [D,E	I IS PRESERVED.
				32920	1			

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			LLEN/DAVIDUFF	MACHO	47(113) 0	3112 10-	SEP-75 P	AGE 8-7		
F3	MAC	6-SEP-	64 03:11	ERROR	HANDLER,	READY, C	OMPACTIF	ICATION,	NEW,	CLEAR, MAIN
2237	002470*	001000	000301	32940	STKINI:	POP	8		IGET	RETURN ADDRESS HERE
2238	002471	001000	000052	32960		LHLD	STKTOP			LI POINTER TO END OF MEMORY
2239	002472*	000000	001615*							***************************************
2240	002473	000000	002466							
2241	002474		000371	32980		SPHL			INI	TIALIZE STACK
2242				33000	IFN	STRING,	<			
2243	002475	001000	000041	33020		LXI	H, TEMPS	T		
2244	002476	000000	001551							
	002477									
2246	002500*	001000	000042	33040		SHLD	TEMPPT>		INI	TIALIZE STRING TEMPORARIES
2247	002501*	000000	001547							
	992592									
	002503*		000041	33060		LXI	H, SCODE		PUT	ZERO (NON NEXT, FOR, GOSUB TOKEN
	002504*						,			the the transfer to the second to the
	002505									
	002506			33080		PUSH	н		ION	STACK
	002507*		000042	33100	IFN	LENGTH,		DIDTYTA		E CONTINUING ILLEGAL
	002510*			33100				OFDIAIL	,	T CONTANDING ILLEGAL
	002511		002504*							
2256	000311	000000	002304	33120	IFN	LPTSW.				
2257				33140	*1.1	CALL	FINLPT>			
	002512*	001000	000052	33160		LHLD	TEMP		.CET	SAVED [H,L]
	002513		001603*	33100		LILLO	TENF		1001	SAVED [H,L]
5590	002514		002510'							
5561	005314	999999	AREDIA.	33180	IFN	LENGTH,				
5595				33200	IFE	CONTRW		A >		
	002515*	001000	000062	33220	1.r	STA	SUBFLG>			OW SUBSCRIPTS
	002516		001601	33550		SIA	3001602		IALL	OW SUBSCRIPTS
	002517		002513'							
5599	0025201		000305	33240		PUSH	В			RETURN ADDRESS BACK ON
2267			000311	33260		RET	D			BACK
2268	005251	001000	000311	33500		KEI			,60	DACK
	002522	201000	000076	33300	GINLIN:	MUT	A, "?"			
			000077	33300	GINTIN:	UAT.	A, "		1661	A QMARK
	0025231			*****		01150110				r
2271	002524		000337	33320		OUTCHR	A, " "			EIT
	002525		000076	33340		MVI	A," "		ISPA	ill.
	002526		000040	22710		01120110				C ** ***
2274	002527*	001000	000337	33360	***	OUTCHR				E IT TOO
2275				33380	IFE	STRING,	<call< td=""><td>INLIN</td><td></td><td>THE NON-STRING VERSIONS ALL</td></call<>	INLIN		THE NON-STRING VERSIONS ALL
2276				33400						UT IS CRUNCHED
2277				33420		INX	H>			A LINE OF INPUT FROM TTY
2278	002530		000303	33440	IFN	STRING,	<jmp< td=""><td>INLIN></td><td>; NO</td><td>CRUNCHING IN THIS CASE</td></jmp<>	INLIN>	; NO	CRUNCHING IN THIS CASE
2279	002531		002776							
5580	005235	000000	002516							
1855				33460	,					
5982				33520						D INTO SINGLE
5593				33540						SPACE AND TIME
2284				33560						ING EXECUTION,
2285				33580						GETHER IN THE
5586				33600			LIST IN			
2287				33620	; ORDER	THEY AP	PEAR IN	IN STMDS	Р.	
8852				33640	;					
2289	002533*			33700	CRUNCH:	TEM	STRING.	-		