```
MATHPK FOR BASIC MCS 8080 GATES/ALLEN/DAVIDOFF MACRO 47(113) 06:09 27-AUG-75 PAGE 18-1
                                23-AUG-64 06108
                MAC
                                                                                  ARCTANGENT FUNCTION
               003231' 000000
003232' 000000
003233' 000000
   4189
4190
4191
4192
4193
                                                                                  69080
                                                                                                                   301
                                                                                  69180
69120
69140
69160
69180
69280
69280
                                                000051
                                                000174
000164
000061
000232
                                909999
                                                                                                                   174
                                                                                                                                   ; -.07528964
               003235°
003236°
003237°
003240°
003241°
003242°
003243°
                                                                                                                   232
   4194
4195
4196
4197
4198
4199
                                anagaga
                                9999999
9999999
99999999
                                                000232
000175
000204
000075
                                                                                                                   175
204
075
                                                                                                                                   1 .1065626
                                000000
                                                000132
                                                                                  69260
                                                                                                                   132
                                200000
                                                                                                                   175
   4200
4201
4202
4203
               003244°
003245°
003246°
                                999999
                                                000310
                                                                                  69300
69320
69340
                                                                                                                                   ; -.142089
                                                 000551
                                                                                                                   152
                                                000176
000344
000273
000114
000176
                                                                                  69360
69380
69400
69420
69440
                                000000
                                                                                                                   176
344
273
               003247'
003250'
003251'
003252'
003253'
   4204
4205
4206
4207
4208
                                000000
                                                                                                                                   1 .1999355
                                 000000
                                                                                                                   114
                                000000
                                000000
                                                                                  69460
69480
69500
                                                                                                                   154
                                                                                                                                   ; -, 3333315
   4208
4209
4210
4211
               003255°
003256°
003257°
                                                                                                                   252
252
177
                                000000
                                                 000177
                                                                                  69520
               003567, 000000
003567, 000000
003567, 000000
                                                909591
909699
909699
                                                                                                                   000
000
000
201>
                                                                                  69540
69560
69580
                                                                                                                                   1 1.0
                                                                                  69600
                                                                                                  PAGE
                                                                                  69620
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MATHRK FOR BASIC MCS 8080 GATES/ALLEN/DAVIDOFF MACRO 47(113) 06:09 27-AUG-75 PAGE 19
F4 MAC 23-AUG-64 06:08 SYSTEM INITIALIZATION CODE
                                                                                  SUBTIL SYSTEM INITIALIZATION CODE
RADIX 100 JIN ALL NON-MATH PACKAGE CODE
ITHIS IS THE SYSTEM INITIALIZATION CODE
ITT SHOULD BE LOADED AT THE END OF THE BASIC
INTERPRETEE TO
                                                                     69640
69660
69680
69700
  4217
4218
4219
4220
4221
                                                                     69720
   4222
4223
4224
                                                                     69760
                                                                                   INTERNAL
                                                                                                               INIT
                                                                                                              CRDO, LINGET, GINLIN, READY, SCRTCH, STROUT, REASON, BUF SNERR, OMERR, ILLFUN
                                                                     69888
                                                                                   EXTERNAL
   4225
4226
4227
4228
4229
4230
4231
4232
4233
                                                                                   EXTERNAL
                                                                                   FUNIO==<"D256*"0312>+"040+$CODE
INITSA: BLOCK 10
INITAT: LXI H, AUTTXT
                                                                     69860
             003264*
                                                                     69880
             903264*
003276*
003277*
000000
003300*
001000
003300*
001000
003300*
000000
003300*
                                                                     69900
                                         004035°
003214°
000315
                                                                                                              STROUT
                                                                     69920
                                                                                                CALL
   4234
4235
4236
4237
                                          001763
                                                                     69940
                                                                                   INIT:
                                                                                                 REALID, 4
             69960
                                          000333
                                                                                                                                         JIGNORE GARBAGE CHARACTER IN INTERFACE
   4238
                                                                     69980
                                                                                                IN
                                          000001
                                          000333
                                                                     70000
                                                                                                IN
                                                                                                              *0255
                                                                                                                                          ; SEE WHAT KIND OF I/O HE IS
                                                                                                ANI
                                                                                                               *0100
   4242
4243
4244
4245
                                          000346
                                                                     70020
                                                                                                                                          IIS HE FUNNY TTY?
                                          000100
                                         000312
                                                                     70040
                                                                                                JZ
                                                                                                              NOTSIO
                                         003302
   4246
                                                                     70060
                                                                                                LXI
                                                                                                              H.FUNIO
             003316' 000000
                                         145040
             903317 009000

903320 001000

903321 009000

903322 009000

903323 001000

903324 009000

903325 001000

903327 009000
   4250
4251
4252
4253
                                                                     70080
                                                                                                SHLD
                                                                                                              CNLCA2##+2
                                          000042
                                          999992
                                         003316
                                                                     70100
                                                                                                MVI
                                                                                                              H. *0310
   4254
                                          000310
                                                                                                SHLD
   4255
                                         000042
                                                                     70120
                                                                                                              CNLCA3##+2
                                         0000024
                                                                                                LENGTH, <
MVI H, "0304
   4258
             003330' 001000
003331' 000000
003332' 001000
                                          000046
                                                                                                                                          SUBSTITUE "CNZ"
                                                                     70160
   4260
4261
4262
4263
                                          000304
                                         000042
000002*
003326*
                                                                     70180
                                                                                                SHLD
                                                                                                              CNLCA4##+2>
             003333' 000000
                                                                                   FUNIO==SCODE+<"0256*"0312>+2
   4264
                                          145002
                                                                     70200
                                         000041
1450024
003333
             003335' 001000
                                                                      70220
                                                                                                              H, FUNIO
             003336' 000000
003337' 000000
003340' 001000
003341' 000000
   4266
                                         000002
                                                                     70240
                                                                                                SHLD
                                                                                                              CNLCA1##+2
```

- 4	MAC	23-AUG-	64 06:08	SYSTEM	INITIALI	ZATION	06:09 27=AUG=75	
4270	8833420	000000	003336*					
4271		001000		70260	NOTE			
4272		000000		10500	NOTSIO:	IN	*0255	
4273		001000		70202				
4274			000040	70280		ANI	-040	
4275			000312					
4276		000000		70300		JZ	NOTPIO	
4277		0000000						
4278	003331.	000000						
4279	0033534	001000	145002	70320	FUNIO==		*0256**0312>+2	
4280				70340		LXI	H, FUNIO	
4281			145002*					
4282		000000						
4283			000042	70360		SHLD	CHLCAS+5	
			999995*					
4284	003357		003353*					
4286			000046	70380		MVI	H, 0310	
	003361		000310			40000		
4287	003362		000042	70400		SHLD	CNLCA3+2	
			000002*					
4289	003364	999999	003356					
4290				70420	IFN	LENGTH		
4291	003365		000046	70440		MVI	H, "0304	
4292	003366		000304					
4293	0033671		000042	70460		SHLD	CNLCA4+2>	
4294	003370		*200000					
4295	003371	000000	003363'					
4296			145001	70480	FUNIO==		"D256*"0312>+1	
4297	003372		000041	70500		LXI	H, FUNIO	
4298	003373		145001*					
4299	003374		003370					
4300	003375		060645	70520		SHLO	CNLCA1+2	
4301	003376		0000005*					
4302	003377	000000	003373					
4303	003400			70540	NOTPIO:	>		
4304	003400		000041	70560		LXI	H, \$CODE+*D6553	5
4305	003401		177777*					
4306	003402		003376					
4307	003403*		000042	70580		SHLD	CURLIN##	IN CASE OF ERROR MESSAG
4308	003404*		0000000					
4309	003405		003401					
4310	003406		000041	70600		LXI	H, TSTACK	ISET UP TEMP STACK
4311	003407		004315					7
4312	003410		003404					
4313	003411*		000371	70620		SPHL		
4314	003412		000042	70640		SHLD	STKTOP##	
4315	003413		000000*			CONTRACT OF		
4316	003414	000000	003407					
4317	-			70660	IFN	CONTRW		
4318	003415*	001000	000257	70680		XRA	A .	
4319	003416	001000	900065	70700		STA	CNTWFL##>	
4320	003417	000000	0000000×					
4321	0034201	999999	003413*					
			000315					

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MATHPK	FOR BAS	IC MCS 8080	GATES.	ALLEN/DAVIDOFF	MACRO	47(113)	06:09	27-AUG-75	PAGE	19-2	
F4	MAC	23-4116-64	06:08			TZATTON					

	1146	E3=400=	04 00 100	STOLEN	INTITALI	ZAITUN L	JULE		
4323	003422*	000000	.000000*						
4324	003423	000000	003417*						
4325				70740	IFN	STRING	<		
4326	0034241	001000	000041	70760		LXI	H, TEMPST##		
4327	003425	000000	888888 *						
4328	0034261	999999	003422*						
4329	003427		888842	70780		SHLD	TEMPPT##>		
4330	003430*	999999	* 666666				iem, ieee		
4331	003431		003425*						
4332		000000		70800	IFN	REALIO,			
4333	003432	991999	000041	70820	*****	LXI	H, MEMORY	JASK HOW MUCH MEMORY AVAILABLE	
4334	003433*		004243*	10000			H, HEHOK!	TASK HOW MUCH MEMURY AVAILABLE	
4335	003434		003430*						
4336	003435		000315	70840		CALL	STROUT		
4337	003436		003302*	16040		CALL	SIKUUI	CALL THE STRING PRINTER	
4338	003437		003433						
4339	003440		000315	70010					
4340	003441		800030*	70860		CALL	GINLIN	GET A LINE OF INPUT	
4341	003442		003436						
4342	003445		000327	70000					
4343				70880		CHRGET		JGET A CHAR	
	003444		000376	70900		CPI	H A H		
4344	003445		000101						
4345	003446		000312	70920		JZ	INITAT		
4346	003447		003276						
4347	003450		003441						
4348	003451	001000	000267	70940		ORA	A		
4349	003452		000305	70960		JNZ	USEDE9	INON ZERO, DONT USE DEFAULT	
4350	003453		003501*						
4351	003454		003447						
4352	003455		000041	70980		LXI	H, LASTWR		
4353	003456		004257						
4354	003457		003453*						
4355	003460	001000	000043	71000	LOOPMM:	INX	н		
4356	003461*	001000	000076	71020		MVI	A,311		
4357	0034621	000000	000467				.,,		
4358	003463*	001000	000167	71040		MOV	M, A		
4359	003464		000276	71060		CMP	M		
4360	003465*	001000	000302	71080		JNZ	USEDEF		
4361	003466*		003515'				OGEDER		
4362	003467		003456*						
4363	003470		000075	71100		DCR			
4364	003471		000167	71120		MOV	H, A		
4365	003472		888276	71148		CMP	n, A		
4366	003473		000312	71162		JZ	LOOPMM		
4367	003474		003460*	11100		32	LUUFAA		
4368	003475*		003466*						
4369	003476		000303	71160		140	uecore		
4370	003476			71180		JMP	USEDEF		
			003515						
4371	003500		003474*			33.4	0.000		
4372	003501'		000041	71200	USEDE9:	LXI	H, BUF		
4373	003502		000000*						
4374	003503		003477*						
4375	003504*	001000	000315	71220		CALL	LINGET	GET DECIMAL AMOUNT OF MEMORY	IN [D,E]

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MATHPK FOR BASIC MCS 8080 GATES/ALLEN/DAVIDOFF MACRO 47(113) 06:09 27-AUG-75 PAGE 19-3
F4 MAC 23-AUG-94 06:08 SYSTEM INITIALIZATION CODE
                003505° 000000
003506° 000000
003507° 001000
   4376
4377
4378
4379
4380
4381
                                                    003502
                                                   999267
                                                                                       71248
                                                                                                                          DRA
               003510' 001000
003511' 000000
003512' 000000
003513' 001000
003514' 001000
003515' 001000
                                                   000000
                                                                                                                          JNZ
                                                                                                                                            SNERR
                                                                                                                                                                               IMAKE SURE HE HAS A TERMINATOR
                                                   003505
   4382
                                                   000353
                                                                                       71280
                                                                                                                          XCHG
   4382
4383
4384
4385
4386
4387
4388
4389
                                                                                       71300
71320
71340
71360
                                                                                                                          DCX
DCX
REALID
                                                                                                         USEDEF
                                                                                                        IFE
                                                                                                                          LXI
                                                                                                                                            H. SCODE+16190>
               003516' 001000
003517' 001000
003520' 000000
003521' 000000
                                                   000345
000041
004127
                                                                                       71380
                                                                                                                                                                              JALSO SAVE FOR LATER
                                                                                                                                            H, TTYWID
                                                                                                        TTYWE
                                                   003511
               903521 000000
903522 001000
903523 000000
903525 001000
903526 00000
903526 001000
903530 001000
903531 001000
                                                   000315
003436
003520
000315
   4391
4392
4393
4394
4395
4396
4397
4398
                                                                                       71420
                                                                                                                          CALL
                                                                                                                                            STROUT
                                                                                       71440
                                                                                                                          CALL
                                                                                                                                            GINLIN
                                                   003441*
003523*
000327
                                                                                                                          CHRGET
                                                   000267
                                                                                       71480
                                                                                                                          DRA
               003533 001000
003533 000000
003534 000000
003535 001000
   4399
                                                   000312
                                                                                       71500
                                                                                                                          17
                                                                                                                                            DELENT
   4401
                                                   003526
                                                                                       71520
              003535 001000
003536 000000
005537 000000
005546 001000
005542 000000
005542 001000
005544 001000
005544 001000
005544 001000
005546 001000
005556 001000
005557 001000
005557 001000
005557 001000
005557 001000
005557 001000
                                                                                                                          LXI
                                                                                                                                            H. BUF
   4403
                                                   0035024
   4405
4406
4407
                                                                                       71540
                                                                                                                          CALL
                                                                                                                                            LINGET
                                                   003536
   4408
                                                   000172
000267
000302
                                                                                       71560
                                                                                                                          MOV
                                                                                                                                            A.D
                                                                                       71580
                                                                                                                                            ATTYW
   4410
4411
4412
                                                   003517
                                                   000173
   4413
                                                                                                                                           A, E
   4414
4415
4416
4417
4418
4419
4420
                                                   000020
                                                   000338
                                                                                       71668
                                                                                                                          JC
                                                                                                                                            TTYN
               003553* 001000
003554* 000000
003555* 000000
003556* 001000
003557* 000000
003560* 000000
                                                   003517°
003546°
000062
                                                                                                                          STA
                                                                                                                                           LINPT1##
                                                                                                                                                                               DECLARE LINPTS EXTERNAL
                                                                                       71680
                                                   000000
   4421
                                                   003554
                                                                                                                          LENGTH, <
STA LINPT2##>
                                                                                       71700
71720
                                                                                                        IFN
               003561 001000
003562 000000
003563 000000
                                                   000062
   4425
                                                   003557
                                                                                       71740
71760
                                                                                                                         STRING, < STA LINPT3##>
                                                                                                        TEN
               003564 001000
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MATHPK FOR BASIC MCS 8080 GATES/ALLEN/DAVIDOFF MACRO 47(113) 06:09 27-AUG-75 PAGE 19-4
F4 MAC 23-AUG-64 06:08 SYSTEM INITIALIZATION CODE
    4429
4430
4431
4432
4433
                003566 000000
                                                  003562
               003565 0 000000

003577 000000

003577 000000

003577 000000

003577 000000

003577 000000

003577 000000

003577 000000

003577 000000

003507 001000

003500 001000

003500 001000

003500 001000
                                                  000326
000016
000322
003567
                                                                                    71780
                                                                                                     MORCPS: SUI
                                                                                                                                       14
                                                                                    71800
                                                                                                                      JNC
                                                                                                                                      MORCPS
    4434
4435
4436
4437
                                                  003565°
000306
000034
                                                                                     71820
                                                                                                                      ADI
                                                                                     71840
                                                                                                                      CMA
                                                  000057
                                                                                     71860
71880
71900
                                                                                                                      INR
ADD
STA
    4438
                                                  000074
                                                  000203
000062
000000
                                                                                                                                       LINPT4##
    4442
4443
4444
4445
                003603
                                 999999
                                                  003572
                                                                                     71920
71940
71960
                                                                                                    DFLENT:
              0035044 001000
0035044 001000
0035045 000000
0035047 001000
0035147 001000
0035157 001000
0035157 001000
0035157 001000
0035157 001000
0035157 001000
0035157 001000
                                                                                                                      STRING, < ;SET UP DEFAULT STRING SPACE
LXI D, SCODE+*D65536**D50+1
    4446
                                                  177717 *
    4448
4449
4450
                                                  000341
000042
                                                                                    71980
                                                                                                                      POP
                                                                                                                                       MEMSIZ##
                                                                                                                                                                        ISAVE IN REAL MEMORY SIZE
                                                  0000000
    4451
                                                  003605
                                                  000042
000000*
003611*
    4452
4453
4454
4455
4456
4457
4458
4459
4460
                                                                                     72020
                                                                                                                      SHLD
                                                                                                                                       FRETOP##
                                                                                                                                                                        ISTRINGS START FROM HERE DOWN
                                                                                     72040
                                                                                                                      DAD
                                                                                                                                                                        ICALC STRBOT BY SUBTRACTING 200 FROM STKTOP MUST BE POSITIVE
                                                  000031
                                                  000355
                                                                                     72060
                                                                                                                      JNC
                                                                                                                                       OMERR
                003623, 001000
003955, 001000
003955, 001000
003955, 001000
                                                  0000000
                                                                                                                      DCX
                                                                                                                                                                        ; ONE LOWER IS STKTOP
; SAVE IT ON STACK
                                                  000053
                                                                                    72100
72120
72140
                                                  000345
                                                                                                                      PUSH
                                                                                                                                      H>
    4461
                                                                                                     IFE
                                                                                                                      EXTFNC, <
    4461
4462
4463
4464
                                                                                                    ; FUNCTION DELETION ROUTINE FOR 4K MACHINE ; TO ADD A NEW FUNCTION JUST UPDATE TRUDO
                                                                                     72160
                                                                                     72180
    4464
4465
4466
4467
4468
                                                                                     72200
                                                                                                                                                                        START OF FUNCTION TABLE SPUT ON CANDIDATE FOR START OF FREE MEMORY SOONE ASKING?
                                                                                     72220
                                                                                                    ASKAGN: LXI
LOPASK: PUSHM
                                                                                                                                      H, TBLDO
                                                                                                                     LXI
COMPAR
JZ
                                                                                     72260
                                                                                                                                      D, TBDASK
    4469
4470
4471
                                                                                     72280
                                                                                                                                                                        JYES, GET FIRST FREE MEM LOC
JINTO TO,EI AND GUIT
JPUT ON MESSAGE LOCATION
J(HLI) MESSAGE POINTER
FOUNTER INTO TSLOG GOES ON THE STACK
JPEINT THE MESSAGE
SAY
JSEE WHAT THE FIRST CHARACTER OF INPUT WAS
JPOP OFF POINTER INTO TSLOG
                                                                                                                                      FINFUN
                                                                                     72328
   4472
4473
4474
4475
4476
4477
4478
                                                                                     72340
                                                                                                                      PUSHM
                                                                                    72360
                                                                                                                      XTHL
                                                                                                                     CALL
                                                                                                                                       STROUT
                                                                                     72400
                                                                                     72420
                                                                                                                     CALL
CHRGET
POP
                                                                                                                                       GINLIN
                                                                                     72440
                                                                                                                      CPI
                                                                                     72480
   4488
                                                                                                    FINFUN: POP
                                                                                                                                                                        JPOP OFF CANDIDATE FOR START OF
                                                                                    72500
                                                                                                                                      D
```

MATHPK	FOR BASIC	MCS 8080	GATES	ALLEN/DAVIDOFF	MACRO	47 (113)	06:09	27-AUG-75	PAGE	19-5	
FA	MAC	27-AUG-6/	06.00			TTATTON					

				0.014	*		.001	
4482				72540		JZ	HAVENS	JHE WANTS IT SO WE ARE DONE
4483				72560		CPI	HNH	IF A BAD ANSWER
4484				72580		JNZ	ASKAGN	IMAKE HIM START OVER
4485				72600		PUSHM		PUSH ON FUNCTION CALL
4486				72620				ILOCATION THAT WE FIX UP
4487				72640		XTHL		(H,L)=FIXUP PLACE
4488				72660				POINTER INTO THE GOES ON THE STACK
4489				72680		LXI	D. ILLFUN	ITHIS IS WHAT WE STORE
4490				72700		MOV	M,E	TIME TO MAKE HE STORE
4491				72720		INX	Н	
4492				72740		MOV	M.D	
4493				72760		POP	н	JGET TBLOO POINTER
4494				72780		JMP	LUPASK>	JGO ASK AGAIN FOR ANOTHER FUNCTION
4495				72800	IFN	EXTENC,		The sen sense for shorten tone tone
4496	003624*	001000	000041	72820	ASKAGN:		H.FNS	JASK IF WANTS SIN, COS, ATN.
4497	003625	000000	004010*					, went 1. wante offit, coo, with
4498	003626"	000000	003620					
4499	003627		000315	72840		CALL	STROUT	THE STRING
4500	003630*		003523*					The others
4501	003631		003625*					
4502	003632*	001000	000315	72860		CALL	GINLIN	
4503	0036331	000000	003526*					
4504	003634		003630					
4505	003635*		000327	72880		CHRGET		
4506	003636*		000376	72900		CPI	11 4 11	
4507	003637	000000	000131			-		
4508	003640	001000	000021	72920		LXI	D. INITSA	JASSUME NOT DELETE ANY FNS
4509	003641	000000	003264*				-,	PAROUNE HOT DECETE ANT THO
4510	003642		003633*					
4511	003643"	001000	000312	72940		JZ	HAVENS	JYUP.
4512	003644*	000000	003712					7.0.4
4513	003645	000000	003641					
4514	003646*	001000	000376	72960		CPI	"A"	
4515	003647	000000	000101			-		
4516	003650*	001000	000312	72980		JZ	OKCHAR	
4517	003651"		003660					
4518	003652*	000000	003644					
4519	003653*	001000	000376	73000		CPI	n N n	
4520	003654*	000000	000116					
4521	003655*	001000	000302	73020		JNZ	ASKAGN	
4522	003656	888888	003624*					
4523	003657*	000000	003651					
4524	003660*	001000	000041	73040	OKCHAR:	LXI	H. ILLFUN	MAKE SURE BOMBS IF TRIES TO CALL THEM
4525	003661*	000000	000000×					
4526	003662*	000000	003656					
4527	003663*	001000	000021	73060		LXI	DIATN	
4528	003664"		003152					
4529	003665*	000000	003661					
4530	003666		000042	73080		SHLD	ATNFIX##	
4531	003667	000000	000000*			100		
4532	003670*	000000	003664*					
4533	003671	001000	000376	73100		CPI	"A"	DELETE ATH BUT NOT SIN, COS?
4534	003672		000101					

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1535	003673*	301000	000312	73120	JZ	HAVENS	ITEST
536	003674*		003712*	13120	32	HATTING	1101
37	003675*		003667*				
38	003676*		000042	73140	SHLD	COSFIX##	
39	003677*		0000000*	19140	0.1.60	0001 1 1 1 1	
40	003700		003674*				
41	003701*		000042	73160	SHLD	TANFIX##	
42	003702*		909090×				
43	003703*	000000	003677*				
44	003704	001000	000042	73180	SHLD	SINFIX##	
45	003705*	000000	000000*				
46	003706*	000000	003702*				
47	003707	001000	120000	73200	LXI	D,COS>	
48	003710		002762*				
49	003711	000000	003705*				
50	003712*			73220 HAVENS:			TEXT ALWAYS PRECEDED BY ZERO
51	003712*		000353	73240	XCHG		PUT BOTTOM OF MEMORY IN (H,L:
52	003713*		000066	73260	MVI	M,0	STORE IT
53	003714		000000				
54	003715		000043	73280	INX	н	; INCREMENT POINTER
55	003716		000042	73300	SHLD	TXTTAB##	ISAVE BOTTOM OF MEMORY
56	003717		000000*				
57	003720		003710				
58	003721		000343	73320	XTHL		
59	003722		000021	73340	LXI	D, TSTACK	
60	003723		004315				
61	003724		003717*	*****	COMPAR		
62	003725		000347	73360		2	
54	003726		000332 003620*	73380	JC	OMERR	
65	003730		003723				
66	003731		000321	73400	POP	D	
67	003732		000371	73420	SPHL	U	
68	003735		000042	73440	SHLD	STKTOP	
69	003734*		003413*	73440	anto	SIKIUP	
70	003735		003727				
71	003736*		000353	73460	XCHG		
72	003737*		000315	73480	CALL	REASON	
73	003740		000000*	13400		HEADON	
74	003741		003734*				
75	003742		000173	73500	MOV	A,E	SUBRACT VARTAB FROM STKTOP
76	003743*		888888	73520	SUB	2'-	JLOW PART
77	003744		000157	73540	MOV	L,A	I CON FAMI
78	003745		000172	73560	MOV	A, 0	HIGH PART
9	003746*		000234	73580	SBB	H	,
80	003747		000147	73600	MOV	H.A	ILEAVE IN (B.C)
1	003750		000001	73620	LXI	B, \$CODE+65520	,
82	003751*		177760*			-,	
83	003752		003740				
84	003753*		000011	73640	DAD	8	
85	003754		000315	73660	CALL	CROO	ITYPE CRLF
86	003755		003422*				
87	003756		003751*				