

;Disassemblaggio toolkit 'over basic' per SPECTRUM  
;Ultimo aggiornamento 23-marzo-85

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;
X02BF EQU 002BFH
X055B EQU 0055BH
X0C0A EQU 00C0AH
X0D8B EQU 00D8BH
X0D8E EQU 00D8EH
X0DFE EQU 00DFEH
X0E00 EQU 00E00H
X0F8B EQU 00F8BH
X1601 EQU 01601H
X165A EQU 0165AH
X18B6 EQU 018B6H
X18B9 EQU 018B9H
X18BE EQU 018BEH
X18E5 EQU 018E5H
X1F1A EQU 01F1AH
X1F54 EQU 01F54H
X203C EQU 0203CH
X2D2B EQU 02D2BH
X2DE3 EQU 02DE3H
X30A9 EQU 030A9H
Y5C08 EQU 05C08H
Y5C3D EQU 05C3DH
Y5C45 EQU 05C45H
Y5C47 EQU 05C47H
Y5C48 EQU 05C48H
Y5C4C EQU 05C4CH
Y5C53 EQU 05C53H
Y5C59 EQU 05C59H
Y5C5B EQU 05C5BH
Y5C89 EQU 05C89H
Y5C8C EQU 05C8CH
Y5C8E EQU 05C8EH
Y5C92 EQU 05C92H
YFF46 EQU 0FF46H
YFF4B EQU 0FF4BH
YFF4D EQU 0FF4DH
YFF4A EQU 0FF4AH
YFF4C EQU 0FF4CH
YFF4E EQU 0FF4EH
YFF4F EQU 0FF4FH
YFF50 EQU 0FF50H
YFF57 EQU 0FF57H
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(23560) LAST_K
(23613) ERR_SP
(23621) PPC
(23623) SUBPPC
(23627) VARS
(23635) VARS+1
(23641) PROG
(23643) E_LINE
(23643) K_CUR
(23689) S_POSN+1
(23692) SCR_CT
(23730) RAHTOP

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; NUMBER
; NUMBER+3
; LINE-ADDR
; RECLAIM-1
; FREE-MEM
; BREAK-KEY
; PR-STRING
; STACK-BC
; PRINT-PP
; HL=HL*DE
; ULTIMO TASTO PREAUTO
; INDIRIZZO DI RITORNO IN CASO DI ERRORE
; LINEA IN ESECUZIONE
; STATEMENT IN ESECUZIONE (ENTRA LA LINEA)
; INDIRIZZO INIZIO VARIABILI (LO BYTE)
; " " " (HI BYTE)
; INDIRIZZO INIZIO PROGRAM BASIC
; INDIRIZZO LINEA DI COMANDO IN SCRITTURA
; INDIRIZZO DEL CURSORE
; LINEA (1-24) DI POSIZIONE 'PRINT'
; CONTATORE DI SCROLL
; INDIRIZZO ULTIMO BYTE AREA BASIC

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63000 FB18 3E7E OBDN: LD A,0FEH
FB1A ED47 LD I,A
FB1C ED5E IM Z
FB1E C9 RET
;

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63007 FB1F 3E7E OBDFF: LD A,0FEH
FB21 ED47 LD I,A
FB23 ED5E IM 1
FB25 3E00 LD A,0
FB27 3257FF LD (YFF57),A
FB2A C9 RET
;

```

FB2B FF RST 0BH

OVERB. Z80

OK

63021

F82C F5  
F82D E5  
F82E 2157FF

F5 PUSH  
0 PUSH  
0 LD

AF  
HL  
HL, OFF57H

65367

63024

F831 CB46  
F833 E1

0 BIT  
FF ~~887~~

O, (HL)  
~~887~~ POP HL

63030

F834 2802  
F836 F1  
F837 C8

0 JR  
FL POP  
C8 RET

Z, AF83B  
AF

201 201

AF838:

F838 C5  
F839 D5  
F83A E5

PUSH BC  
PUSH DE  
PUSH HL

BC  
DE  
HL

F83B 3A0B5C  
F83E FE0D  
F840 2157FF

LD A, (Y5C0B)  
CP ODH  
LD HL, OFF57H

A, (Y5C0B)  
ODH  
HL, OFF57H

C.R.

SE L'ULTIMO TASTO E' C.R.

65367

F843 E5  
F844 CC83FB  
F847 E1

PUSH HL  
CALL Z, AF863X  
POP HL

HL  
Z, AF863X  
HL

CONTINUA SE PRESSIONE A UN 'THEN'

63048

F848 CB8B  
F84A CB5B  
F84C E5

RES O, (HL)  
BIT Z, (HL)  
PUSH HL

O, (HL)  
Z, (HL)  
HL

C3 = 195  
5D = 93  
F6 = 246

F84D C43AFE  
F850 E1  
F851 CB5E

CALL NZ, AFE3A  
POP HL  
BIT O, (HL)

NZ, AFE3A  
HL  
O, (HL)

F853 E5  
F854 C440FE  
F857 E1

PUSH HL  
CALL NZ, AFE40  
POP HL

HL  
NZ, AFE40  
HL

F858 CB4E  
F85A C48CFD  
F85D E1

BIT I, (HL)  
CALL NZ, AFD9C  
POP HL

I, (HL)  
NZ, AFD9C  
HL

F85E D1  
F85F C1  
F860 F1

POP DE  
POP BC  
POP AF

DE  
BC  
AF

F861 FB  
F862 C8

EI  
RET

EI  
RET

AF863:

63045  
3047

F863 CB0B  
F865 2A5B5C

SET O, (HL)  
LD HL, (Y5C5B)

O, (HL)  
HL, (Y5C5B)

C3 (201)

63080

F868 7E

LD A, (HL)

A, (HL)

63081

F869 FE0B

CP OCBH

OCBH 'THEN'

175 = AF (XOR A)  
200 = C8 (NOT 2)

63083

F86B C0  
F86C 23

RET NZ  
INC HL

NZ  
HL

F86D 7E  
F86E FE0F

LD A, (HL)  
CP OCFH

A, (HL)  
OCFH 'CAT'

F870 2054  
F872 23

JR NZ, AF80B  
INC HL

NZ, AF80B  
HL

F873 CD75FD  
F876 CD52FE

CALL AFD75  
CALL AFE52

AFD75  
AFE52

F879 010F00  
F87C 117BFE

LD BC, 0000FH  
LD DE, TFE7B

BC, 0000FH  
DE, TFE7B

F87F CD3C20  
F882 2A4B5C

CALL X203C  
LD HL, (Y5C4B)

X203C  
HL, (Y5C4B)

F885 E5  
F886 ED4B535C

PUSH HL  
LD BC, (Y5C5B)

HL  
BC, (Y5C5B)

F88A CD5DFE  
F88D 011200

CALL AFE5B  
LD BC, 00012H

AFE5B  
BC, 00012H

F890 11B5FE  
F893 CD3C20

LD DE, TFE85  
CALL X203C

DE, TFE85  
X203C

F896 C1  
F897 2A5B5C

POP BC  
LD HL, (Y5C5B)

BC  
HL, (Y5C5B)

F89A	2B	DEC	HL
F89B	CD5BFE	CALL	AFE5B
F89E	010D00	LD	BC,0000DH
F8A1	1197FE	LD	DE,TFE97
F8A4	CD3C20	CALL	X203C
F8A7	ED1A1F	CALL	X1F1A
F8AA	210000	LD	HL,0
F8AD	CD5BFE	CALL	AFE5B
F8B0	010B00	LD	BC,0000BH
F8B3	11A4FE	LD	DE,TFEA4
F8B6	CD3C20	CALL	X203C
F8B9	ED4BB25C	LD	BC,(Y5CB2)
F8BD	CD2B2D	CALL	X2D2B
F8C0	CDE32D	CALL	X2DE3
F8C3	C3E8FC	JP	AFCE9

7  
AF8C8: CP OFDH 'CLEAR'

F8C8	FEFD	JR	NZ,AF8F1
F8CB	2027	CALL	AFD67
F8CA	CD67FD	LD	HL,0270FH
F8CD	210F27	LD	BC,(YFF4E)
F8D0	ED4B4EFF	LD	DE,(YFF50)
F8D4	ED5B50FF	AND	A
F8D8	A7	SBC	HL,BC
F8DB	ED42	RET	C
F8DB	DB	ADD	HL,BC
F8DC	09	AND	A
F8DD	A7	SBC	HL,DE
F8DE	ED52	RET	C
F8E0	DB	EX	DE,HL
F8E1	EB	AND	A
F8E2	A7	SBC	HL,BC
F8E3	ED42	RET	C
F8E5	DB	ADD	HL,BC
F8E6	09	INC	HL
F8E7	23	CALL	AFD52
F8E8	CD52FD	CALL	AFE52
F8EB	CD52FE	JP	AFCE9
F8EE	C3E8FC		

8  
AF8F1: CP 0D0H 'FORMAT'

F8F1	FED0	JP	NZ,AF80B
F8F3	C20BF9	CALL	AFD67
F8F6	CD67FD	LD	DE,(YFF4E)
F8F9	ED5B4EFF	LD	A,D
F8FD	7A	OR	E
F8FE	B3	RET	Z
F8FF	CB	LD	HL,(YFF50)
F700	2A50FF	LD	A,H
F703	7C	OR	L
F704	B5	RET	Z
F705	CB	LD	HL,(Y5C53)
F706	2A535C	LD	A,(HL)
F709	7E	CP	40H
F70A	FE40	RET	NC
F70C	D0	PUSH	DE
F70D	D5	PUSH	HL
F70E	E5	CALL	AFE52
F70F	CD52FE	CALL	AFCE9
F712	CDE8FC	POP	HL
F715	E1	POP	DE
F716	D1		

F717	D5	AF717:	PUSH	DE
F718	CD87FB		CALL	AF867
F71B	282E		JR	Z,AF74B
F71D	FE0D	AF71D:	CP	ODH
F71F	2808		JR	Z,AF727
F721	FE3A		CP	3AH
F723	2802		JR	Z,AF727
F725	181F		JR	AF74B
;				
F727	0603	AF727:	LD	B,003H
F728	23	AF728:	INC	HL
F72A	7E		LD	A,(HL)
F72B	FE0E		CP	OEH
F72D	2015		JR	NZ,AF744
F72F	C5		PUSH	BC
F730	E5		PUSH	HL
F731	3E20		LD	A,020H
F733	CD880F		CALL	X0F8B
F736	E1		POP	HL
F737	C1		POP	BC
F738	ED5B8CFE		LD	DE,(DFEBC)
F73C	EB		EX	DE,HL
F73D	34		INC	(HL)
F73E	2003		JR	NZ,AF743
F740	23		INC	HL
F741	34		INC	(HL)
F742	28		DEC	HL
F743	EB	AF743:	EX	DE,HL
F744	10E3	AF744:	DJNZ	AF729
F746	CD8BFB	AF746:	CALL	AF8BB
F748	20D2		JR	NZ,AF71D
F74B	D1	AF74B:	POP	DE
F74C	CDFF8FB		CALL	AF8FB
F74F	E5		PUSH	HL
F750	210F27		LD	HL,0270FH
F753	A7		AND	A
F754	ED52		SBC	HL,DE
F756	E1		POP	HL
F757	300B		JR	NC,AF7B1
F758	3E0B		LD	A,00BH
F75B	11B113		LD	DE,013B1H
F75E	C30A0C		JP	X0C0A
;				
F761	CDAFFB	AF761:	CALL	AF8AF
F764	20B1		JR	NZ,AF717
F766	CD52FE		CALL	AFE52
F768	ED5B4EFF		LD	DE,(YFF4E)
F76D	2A535C		LD	HL,(Y5C53)
F770	E5	AF770:	PUSH	HL
F771	48		LD	B,(HL)
F772	23		INC	HL
F773	4E		LD	C,(HL)
F774	2A535C		LD	HL,(Y5C53)
F777	CD87FB	AF777:	CALL	AF867
F77A	2842		JR	Z,AF78E
F77C	FE0D	AF77C:	CP	ODH
F77E	2808		JR	Z,AF78B
F780	FE3A		CP	3AH
F782	2802		JR	Z,AF78B
F784	1833		JR	AF78B

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;
F785 E5 AF785: PUSH HL
F787 23 INC HL
F788 CDB918 CALL X1888
F789 89 CP C
F78C 2027 JR NZ,AF785
F78E 23 INC HL
F78F 7E LD A,(HL)
F790 88 CP B
F791 2023 JR NZ,AF786
F793 E3 EX (SP),HL
F794 D5 PUSH DE
F795 C5 PUSH BC
F796 EB EX DE,HL
F797 01EB03 LD BC,003E3H
F79A CDECFB CALL AFBEC
F79D 018400 LD BC,00084H
F7A0 CDECFB CALL AFBEC
F7A3 010A00 LD BC,0000AH
F7A6 CDECFB CALL AFBEC
F7A9 010100 LD BC,00001H
F7AC CDECFB CALL AFBEC
F7AF C1 POP BC
F7B0 D1 POP DE
F7B1 E1 POP HL
F7B2 23 INC HL
F7B3 1804 JR AF788
;
F7B5 23 AF7B5: INC HL
F7B6 23 AF7B6: INC HL
F7B7 33 INC SP
F7B8 33 INC SP
F7B9 CDBBF8 AF7B9: CALL AFB8B
F7BC 20BE JR NZ,AF77C
F7BE CDAPFB AF7BE: CALL AFBAF
F7C1 20B4 JR NZ,AF777
F7C3 E3 EX (SP),HL
F7C4 23 INC HL
F7C5 23 INC HL
F7C6 4E LD C,(HL)
F7C7 23 INC HL
F7C8 48 LD B,(HL)
F7C9 08 ADD HL,BC
F7CA 23 INC HL
F7CB C1 POP BC
F7CC A7 AND A
F7CD ED42 SBC HL,BC
F7CF 2806 JR Z,AF7D7
F7D1 08 ADD HL,BC
F7D2 CDFBFB CALL AFBFB
F7D5 1888 JR AF770
;
F7D7 2A535C AF7D7: LD HL,(Y5C53)
F7DA ED384EFF LD DE,(YFF4E)
F7DE 72 AF7DE: LD (HL),D
F7DF 23 INC HL
F7E0 73 LD (HL),E
F7E1 CDBBF8 CALL AFB8B
F7E4 2877 JR Z,AFB5D
F7E6 FE0D AF7E6: CP ODH

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F7EB	2848		JR	Z,AFB32
F7EA	FE3A		CP	3AH
F7EC	2844		JR	Z,AFB32
F7EE	E5		PUSH	HL
F7EF	D5		PUSH	DE
F7F0	D5		PUSH	DE
F7F1	3A8B5C		LD	A,(Y5C8B)
F7F4	FE02		CP	Z
F7F8	2023		JR	NZ,AFB1B
F7FB	3C		INC	A
F7FB	328B5C		LD	(Y5C8B),A
F7FC	3E01		LD	A,001H
F7FE	CD011B		CALL	X1B01
F801	11BEFE		LD	DE,TFEBE
F804	010D00		LD	BC,0000DH
F807	CD3C20		CALL	X203C
F80A	FDCB018E	AF80A:	BIT	S,(IY+001H)
F80E	28FA		JR	Z,AF80A
F810	CD5E0D		CALL	X0DBE
F813	CDFE0D		CALL	X0DFE
F816	3E02		LD	A,002H
F818	CD011B		CALL	X1B01
F81B	11ACFE	AF81B:	LD	DE,TFEAC
F81E	011000		LD	BC,00010H
F821	CD3C20		CALL	X203C
F824	C1		POP	BC
F825	CD2B2D		CALL	X2D2B
F828	CDE32D		CALL	X2DE3
F82B	3E0D		LD	A,00DH
F82D	D7		RST	10H
F82E	D1		POP	DE
F82F	E1		POP	HL
F830	1B2B		JR	AFB5B
F832	D5	AF832:	PUSH	DE
F833	EB		EX	DE,HL
F834	Z10000		LD	HL,0
F837	01EB03		LD	BC,003EBH
F83A	CD00FB		CALL	AF800
F83D	016400		LD	BC,00064H
F840	CD00FB		CALL	AF800
F843	010A00		LD	BC,0000AH
F846	CD00FB		CALL	AF800
F849	010100		LD	BC,00001H
F84C	CD00FB		CALL	AF800
F84F	EB		EX	DE,HL
F850	Z3		INC	HL
F851	Z3		INC	HL
F852	Z3		INC	HL
F853	Z3		LD	(HL),E
F854	Z3		INC	HL
F855	Z2		LD	(HL),D
F856	D1		POP	DE
F857	Z3		INC	HL
F858	CDBBFB	AF858:	CALL	AF8BB
F85B	Z08B		JR	NZ,AF7EB
F85D	CDAFFB	AF85D:	CALL	AF8AF
F860	CB		RET	Z
F861	CDFFFB		CALL	AF8FB
F864	C3DEF7		JP	AF7DE

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;
F867 23      AF867:  INC    HL
F868 23      AF868:  INC    HL
F869 228CFE          LD    (DFEBC),HL
F86C 23      INC    HL
F86D 23      AF86D:  INC    HL
F86E 7E      LD    A,(HL)
F86F FE6A     CP    0E6A
F871 2832     JR    Z,AF8A5
F873 FE61     CP    0E1H
F875 2858     JR    Z,AF8CD
F877 FE65     CP    0E5H
F879 2852     JR    Z,AF8CD
F87B FE6C     CP    0E6C
F87D 2858     JR    Z,AF8D7
F87F FE6D     CP    0E6D
F881 2854     JR    Z,AF8D7
F883 FE70     CP    0F0H
F885 2846     JR    Z,AF8CD
F887 FE77     CP    0F7H
F889 2842     JR    Z,AF8CD
F88B 23      AF88B:  INC    HL
F88C 7E      LD    A,(HL)
F88D CD8618    CALL X1866
F890 FE0D     CP    0DH
F892 0B      RET    Z
F893 FE3A     CP    3AH
F895 28D6     JR    Z,AF86D
F897 FECA     CP    0CAH
F899 2820     JR    Z,AF8BB
F89B FE0B     CP    0CBH
F89D 28CE     JR    Z,AF88D
F89F FE22     CP    22H
F8A1 2822     JR    Z,AF8C5
F8A3 18E6     JR    AF88B
;
F8A5 2ABCFE    AF8A5:  LD    HL,(DFEBC)
F8A8 05      PUSH  BC
F8A9 4E      LD    C,(HL)
F8AA 23      INC    HL
F8AB 46      LD    B,(HL)
F8AC 09      ADD   HL,BC
F8AD 01      POP   BC
F8AE 0B      RET
;
F8AF 23      AF8AF:  INC    HL
F8B0 3A4B5C    LD    A,(Y5C4B)
F8B3 8D      CP    L
F8B4 00      RET    NZ
F8B5 3A4C5C    LD    A,(Y5C4C)
F8B8 8C      CP    H
F8B9 00      RET    NZ
F8BA 0B      RET
;
F8BB 23      AF8BB:  INC    HL
F8BC 23      INC    HL
F8BD 7E      LD    A,(HL)
F8BE FE24     CP    24H
F8C0 28CB     JR    Z,AF8BB
F8C2 2B      DEC   HL

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F8C3	1813		JR	AF8DB
		/		
F8C5	23	AF8C5:	INC	HL
F8C6	7E		LD	A, (HL)
F8C7	FE22		CP	22H
F8C8	28C0		JR	Z, AF888
F8C9	18F8		JR	AF8C5
		/		
F8CD	23	AF8CD:	INC	HL
F8CE	7E		LD	A, (HL)
F8CF	FE0D		CP	0DH
F8D1	08		RET	Z
F8D2	FE3A		CP	3AH
F8D4	2887		JR	Z, AF86D
F8D6	2B		DEC	HL
F8D7	23	AF8D7:	INC	HL
F8D8	7E	AF8D8:	LD	A, (HL)
F8D9	FE3A		CP	3AH
F8DB	00		RET	NC
F8DC	FE30		CP	30H
F8DE	08		RET	C
F8DF	E5		PUSH	HL
F8E0	23	AF8E0:	INC	HL
F8E1	7E		LD	A, (HL)
F8E2	FE0E		CP	0EH
F8E4	20FA		JR	NZ, AF8E0
F8E6	C08618		CALL	X1886
F8E8	E1		POP	HL
F8EA	A7		AND	A
F8EB	08		RET	
		/		
F8EC	3E2F	AF8EC:	LD	A, 02FH
F8EE	3C	AF8EE:	INC	A
F8EF	A7		AND	A
F8F0	ED42		SBC	HL, BC
F8F2	30FA		JR	NC, AF8EE
F8F4	08		ADD	HL, BC
F8F5	12		LD	(DE), A
F8F6	13		INC	DE
F8F7	08		RET	
		/		
F8FB	E5	AF8FB:	PUSH	HL
F8FB	2A50FF		LD	HL, (YFF50)
F8FC	18		ADD	HL, DE
F8FD	EB		EX	DE, HL
F8FE	E1		POP	HL
F8FF	08		RET	
		/		
F900	1A	AF900:	LD	A, (DE)
F901	D83C		SUB	30H
F903	2804		JR	Z, AF908
F905	08	AF905:	ADD	HL, BC
F906	3D		DEC	A
F907	20FC		JR	NZ, AF905
F908	13	AF908:	INC	DE
F90A	08		RET	
		/		
F90B	FEEA	AF90B:	CP	0EAH 'REN'
F90D	C286FB		JP	NZ, AF988
F910	C087FD		CALL	AF867



F813	2A50FF		LD	HL,(YFF50)
F816	7C		LD	A,H
F817	85		OR	L
F818	CB		RET	Z
F819	E5		PUSH	HL
F81A	CD1A1F		CALL	X1F1A
F81D	21F0FF		LD	HL,OFFF0H
F820	D1		POP	DE
F821	A7		AND	A
F822	ED52		SBC	HL,DE
F824	A7		AND	A
F825	ED42		SBC	HL,BC
F827	DB		RET	C
F828	ED4B4EFF		LD	BC,(YFF4E)
F82C	210F27		LD	HL,0270FH
F82F	A7		AND	A
F830	ED42		SBC	HL,BC
F832	DB		RET	C
F833	C5		PUSH	BC
F834	80		LD	H,B
F835	88		LD	L,C
F836	23		INC	HL
F837	CD52FD		CALL	AFD52
F83A	CD52FE		CALL	AFE52
F83D	E1		POP	HL
F83E	CD6E18		CALL	X186E
F841	ED5B4B5C		LD	DE,(Y5C4B)
F845	A7		AND	A
F846	ED52		SBC	HL,DE
F848	18		ADD	HL,DE
F849	37		SCF	
F84A	2008		JR	NZ,AF854
F84C	E5		PUSH	HL
F84D	EB		EX	DE,HL
F84E	23		INC	HL
F84F	224B5C		LD	(Y5C4B),HL
F852	3F		CCF	
F853	E1		POP	HL
F854	ED4B50FF	AF854:	LD	BC,(YFF50)
F856	03		INC	BC
F858	03		INC	BC
F85A	C5		PUSH	BC
F85B	03		INC	BC
F85C	03		INC	BC
F85D	03		INC	BC
F85E	E5		PUSH	HL
F85F	C5		PUSH	BC
F860	03		INC	BC
F861	F5		PUSH	AF
F862	CD5A18		CALL	X185A
F865	F1		POP	AF
F868	3807		JR	C,AF86F
F86B	2A4B5C		LD	HL,(Y5C4B)
F86D	2B		DEC	HL
F86C	224B5C		LD	(Y5C4B),HL
F86F	C1	AF86F:	POP	BC
F870	E1		POP	HL
F871	3A4FFF		LD	A,(YFF4F)
F874	77		LD	(HL),A
F875	23		INC	HL

```

F876 0B          DEC      BC
F877 3A4EFF      LD       A,(YFF4E)
F87A 77          LD       (HL),A
F87B 23          INC      HL
F87C 0B          DEC      BC
F87D 01          POP      DE
F87E 73          LD       (HL),E
F87F 23          INC      HL
F880 0B          DEC      BC
F881 72          LD       (HL),D
F882 23          INC      HL
F883 0B          DEC      BC
F884 38EA        LD       (HL),0EAH
F886 23          AF886:  INC      HL
F887 382A        LD       (HL),02AH
F888 0B          DEC      BC
F88A 78          LD       A,B
F88B 01          OR       C
F88C 20FB        JR       NZ,AF88B
F88E 380D        LD       (HL),00DH
F890 C8E8FC      JP       AFCE8
;
; >> NO EXECUTION PATH TO HERE <<
F893 01          POP      DE
F894 3E2A        AF894:  LD       A,02AH
F896 05          PUSH     DE
F897 C054F8      CALL    AF854
F89A 01          POP      DE
F89B 18          DEC      DE
F89C 7A          LD       A,D
F89D 03          OR       E
F89E 20F4        JR       NZ,AF89A
F8A0 3E0D        LD       A,00DH
F8A2 C054F8      CALL    AF854
F8A5 C3E8FC      JP       AFCE8
;
; >> NO EXECUTION PATH TO HERE <<
F8A8 010100      LD       BC,00001H
F8AB C05A16      CALL    X165A
F8AE 12          LD       (DE),A
F8AF 13          INC      DE
F8B0 ED535B5C    LD       (Y5C5B),DE
F8B4 EB          EX       DE,HL
F8B5 CB          RET
;
AF888:  CP       0D1H      'MOVE'
F8B8 2033        JR       NZ,AF8ED
F8BA C060FD      CALL    AFD60
F8BD ED4B50FF    LD       BC,(YFF50)
F8C1 78          LD       A,B
F8C2 01          OR       C
F8C3 CB          RET      Z
F8C4 ED5B4EFF    LD       DE,(YFF4E)
F8C8 2A4CFF      LD       HL,(YFF4C)
F8CB A7          AND      A
F8CC ED52        SBC     HL,DE
F8CE CB          RET      Z
F8CF F5          PUSH    AF
F8D0 18          ADD     HL,DE
F8D1 F1          POP     AF

```

F8D2	C5		PUSH	BC
F8D3	D5		PUSH	DE
F8D4	E5		PUSH	HL
F8D5	CD67FE		CALL	AF8E7
F8D8	E1		POP	HL
F8D9	D1		POP	DE
F8DA	C1		POP	BC
F8DB	3008		JR	NC,AF8E8
F8DD	08		ADD	HL,BC
F8DE	28		DEC	HL
F8DF	EB		EX	DE,HL
F8E0	08		ADD	HL,BC
F8E1	28		DEC	HL
F8E2	EB		EX	DE,HL
F8E3	EDBB		LDDR	
F8E5	C3E8FC		JP	AFCE8
;				
F8E8	EDB0	AF8E8:	LDIR	
F8EA	C3E8FC		JP	AFCE8
;				
F8ED	FECA	AF8ED:	CP	OCAH 'LINE'
F8EF	202A		JR	NZ,AF81B
F8F1	CD8EFD		CALL	AFD8E
F8F4	ED5B50FF		LD	DE,(YFF50)
F8FB	210F27		LD	HL,0270FH
F8FB	A7		AND	A
F8FC	ED52		SBC	HL,DE
F8FE	D8		RET	C
F8FF	18		ADD	HL,DE
FA00	EB		EX	DE,HL
FA01	CD8E18		CALL	X186E
FA04	E5		PUSH	HL
FA05	CD52FE		CALL	AFE52
FA0B	010D00		LD	BC,0000DH
FA0B	11CBFE		LD	DE,TFE0B
FA0E	CD3C20		CALL	X203C
FA11	C1		POP	BC
FA12	CD2B2D		CALL	X2D2B
FA15	CDE32D		CALL	X2DE3
FA18	C3E8FC		JP	AFCE8
;				
FA1B	FEAF	AFA1B:	CP	OAFH 'CODE'
FA1D	202D		JR	NZ,AFA4C
FA1F	CD8EFD		CALL	AFD8E
FA22	CD52FE		CALL	AFE52
FA25	11DBFE		LD	DE,TFEDB
FA2B	010400		LD	BC,00004H
FA2B	CD3C20		CALL	X203C
FA2E	2151FF		LD	HL,OFF51H
FA31	0802		LD	B,002H
FA33	0E02	AFA33:	LD	C,002H
FA35	AF	AFA35:	XOR	A
FA36	EDBF		RLD	
FA38	C830		ADD	A,30H
FA3A	FE3A		CP	3AH
FA3C	3802		JR	C,AFA40
FA3E	C807		ADD	A,7
FA40	D7	AFA40:	RST	10H
FA41	0D		DEC	C
FA42	20F1		JR	NZ,AFA35

FA44	Z150FF	LD	HL,OFF50H
FA47	10EA	DJNZ	AFAG3
FA49	C3EBFC	JR	AFCEB
;			
FA4C	FEBF	AFA4C:	CP 0BFH 'N'
FA4E	207B	JR	NZ,AFACB
FA50	1152FF	LD	DE,OFF52H
FA53	0605	LD	B,005H
FA55	0E00	LD	C,0
FA57	CD7BFD	CALL	AFD7B
FA5A	2B01	JR	Z,AFA5B
FA5C	23	AFA5C:	INC HL
FA5D	7E	AFA5D:	LD A,(HL)
FA5E	FE30	CP	30H
FA60	3B24	JR	C,AFAB8
FA62	FE3A	CP	3AH
FA64	3004	JR	NC,AFABA
FA66	D630	SUB	30H
FA68	1B1B	JR	AFAB0
;			
FA6A	FE81	AFA6A:	CP 81H 'a'
FA6C	3B0B	JR	C,AFATB
FA6E	FE87	CP	67H 'g'
FA70	3004	JR	NC,AFATB
FA72	D657	SUB	57H
FA74	1B0A	JR	AFAB0
;			
FA76	FE41	AFA76:	CP 41H 'A'
FA78	3B0C	JR	C,AFAB8
FA7A	FE47	CP	47H 'G'
FA7C	300B	JR	NC,AFAB8
FA7E	D637	SUB	37H
FA80	12	AFAB0:	LD (DE),A
FA81	13	INC	DE
FA82	0C	INC	C
FA83	10D7	DJNZ	AFA5C
FA85	0B	RET	
;			
FA86	FE0D	AFAB6:	CP 0DH 'cr'
FA88	00	RET	NZ
FA8B	7B	LD	A,C
FA8A	FE00	CP	0
FA8C	0B	RET	Z
FA8D	EB	EX	DE,HL
FA8E	2B	DEC	HL
FA8F	E5	PUSH	HL
FA90	6E	LD	L,(HL)
FA91	2600	LD	H,0
FA93	E3	EX	(BP),HL
FA94	0D	DEC	C
FA95	2B1B	JR	Z,AFAAF
FA97	111000	LD	DE,00010H
FA9A	CD88FD	CALL	AFD8B
FA9D	0D	DEC	C
FA9E	280F	JR	Z,AFAAF
FAA0	110001	LD	DE,00100H
FAA3	CD88FD	CALL	AFD8B
FAA6	0D	DEC	C
FAA7	2B0B	JR	Z,AFAAF
FAAB	110010	LD	DE,01000H

FAAC	CD88FD		CALL	AFD88
FAAF	DA50FD	AFAAF:	JP	C,AFD50
FAB2	CD52FE		CALL	AFE52
FAB5	11DCFE		LD	DE,TFEDC
FAB8	010400		LD	BC,00004H
FABB	CD3C20		CALL	X203C
FABE	C1		POP	BC
FABF	CD2B2D		CALL	X2D2B
FAC2	CD532D		CALL	X2DE3
FAC5	C3E8FC		JP	AFCE8
FACB	FEF0	AACB:	CP	OF0H 'LIST'
FACA	C282FB		JP	NZ,AFB82
FACD	23		INC	HL
FACE	CD75FD		CALL	AFD75
FAD1	CD52FE		CALL	AFE52
FAD4	11E5FE		LD	DE,TFEE5
FAD7	010F00		LD	BC,0000FH
FADA	CD3C20		CALL	X203C
FADD	2A4B5C		LD	HL,(Y5C4B)
FAE0	3E0D	AFAEO:	LD	A,00DH
FAE2	D7		RST	10H
FAE3	ED5B585C		LD	DE,(Y5C58)
FAE7	1B		DEC	DE
FAEB	A7		AND	A
FAE8	ED52		SBC	HL,DE
FAEB	CAE8FC		JP	Z,AFCE8
FAEE	19		ADD	HL,DE
FAEF	3AB85C		LD	A,(Y5C89)
FAF2	FE02		CP	Z
FAF4	202F		JR	NZ,AFB25
FAFB	E5		PUSH	HL
FAF7	3C		INC	A
FAFB	32885C		LD	(Y5C88),A
FAFB	3E01		LD	A,001H
FAFD	CD0118		CALL	X1801
FB00	11FB0C		LD	DE,00CFBH
FB03	CD0A0C		CALL	X0C0A
FB06	CD8F02	AFB06:	CALL	X02BF
FB08	FEFF		CP	OFFH
FB08	28F8		JR	Z,AFB08
FB0D	FE5E		CP	6EH
FB0F	CAE8FC		JP	Z,AFCE8
FB12	FE20		CP	Z0H
FB14	CAE8FC		JP	Z,AFCE8
FB17	CD8E0D		CALL	X0D8E
FB1A	0618		LD	B,018H
FB1C	CD0C0E		CALL	X0E0C
FB1F	3E02		LD	A,002H
FB21	CD0118		CALL	X1801
FB24	E1		POP	HL
FB25	7E	AFB25:	LD	A,(HL)
FB28	FEEO		CP	0E0H
FB28	3B12		JR	C,AFB3C
FB2A	DB80		SUB	B0H
FB2C	D7		RST	10H
FB2D	3EEB		LD	A,0EBH
FB2F	D7		RST	10H
FB30	3E2F		LD	A,02FH
FB32	D7		RST	10H

FB33	3EF3		LD	A,OF3H
FB35	D7		RST	10H
FB38	111300		LD	DE,00013H
FB38	18		ADD	HL,DE
FB3A	18A4		JR	AFAEO
FB3C	FEC0	AFB3C:	CP	0C0H
FB3E	3807		JR	C,AFB47
FB40	D860		SUB	80H
FB42	D7		RST	10H
FB43	3E24		LD	A,024H
FB45	181E		JR	AFB65
FB47	FEA0	AFB47:	CP	0A0H
FB48	3814		JR	C,AFB5F
FB48	D840		SUB	40H
FB4D	D7		RST	10H
FB4E	23	AFB4E:	INC	HL
FB4F	7E		LD	A,(HL)
FB50	CB7F		BIT	7,A
FB52	2003		JR	NZ,AFB57
FB54	D7		RST	10H
FB55	18F7		JR	AFB4E
FB57	D880	AFB57:	SUB	80H
FB58	D7	AFB58:	RST	10H
FB5A	0D8818		CALL	X1888
FB5D	1881		JR	AFAEO
FB5F	FEB0	AFB5F:	CP	80H
FB61	3812		JR	C,AFB75
FB63	D820		SUB	20H
FB65	D7	AFB65:	RST	10H
FB68	3E28		LD	A,028H
FB68	D7		RST	10H
FB68	3E28		LD	A,028H
FB68	D7	AFB68:	RST	10H
FB6C	23		INC	HL
FB6D	5E		LD	E,(HL)
FB6E	23		INC	HL
FB6F	58		LD	D,(HL)
FB70	18		ADD	HL,DE
FB71	23		INC	HL
FB72	03E0FA		JP	AFAEO
FB75	FEB0	AFB75:	CP	80H
FB77	3802		JR	C,AFB7B
FB78	18DE		JR	AFB58
FB7B	CB20	AFB7B:	ADD	A,20H
FB7D	D7		RST	10H
FB7E	3E24		LD	A,024H
FB80	18E8		JR	AFB68
FB82	FEFF	AFB82:	CP	0EFH 'LOAD'
FB84	0223FC		JP	NZ,AFD23
FB87	23		INC	HL
FB88	CD75FD		CALL	AFD75
FB8B	0DEBFC		CALL	AFCEB
FB8E	2157FF		LD	HL,OFF57H

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FB81  C888      RES      0,(HL)
FB82  CD82FE    CALL    AFE52
FB83  AF        XOR     A
FB87  111100    LD      DE,00011H
FB8A  DD210BFF  LD      IX,0FF3B
FB8E  07        SCF
FB8F  CD5805    CALL    X055B
FB92  D0       RET
FB93  0A8BFF    LD      A,(0FF3B)
FB96  F5       PUSH   AF
FB97  FE00     CP      0
FB98  2004     JR      NZ,AFBAF
FB9B  3E01     LD      A,001H
FB9D  1812     JR      AFBC1

;
FB9F  FE01     AFBAF: CP      1
FB91  2004     JR      NZ,AFBB7
FB93  3E02     LD      A,002H
FB95  180A     JR      AFBC1

;
FB97  FE02     AFBB7: CP      2
FB98  2004     JR      NZ,AFBBF
FB9B  3E03     LD      A,003H
FB9D  1802     JR      AFBC1

;
FB9F  3E04     AFBBF: LD      A,004H
FB01  11A108    AFBC1: LD      DE,008A1H
FB04  CD0A0C    CALL    X0C0A
FB07  1103FF    LD      DE,TFF3C
FB0A  010A00    LD      BC,0000AH
FB0D  CD3C20    CALL    X203C
FB00  11F4FE    LD      DE,TFEF4
FB03  010B00    LD      BC,00008H
FB06  CD3C20    CALL    X203C
FB08  ED4B4BFF  LD      BC,(YFF4B)
FB0D  CD2B2D    CALL    X2D2B
FB0E  CD2E2D    CALL    X2DE3
FB0B  1103FF    LD      DE,TFF03
FB06  010700    LD      BC,00007H
FB09  CD3C20    CALL    X203C
FB0C  F1       POP    AF
FB0D  A7       AND    A
FB0E  F5       PUSH   AF
FB0F  2011     JR      NZ,AFD02
FB11  0A4BFF    LD      A,(YFF4B)
FB14  FE80     CP      80H
FB16  200A     JR      NZ,AFD02
FB18  118113    LD      DE,018B1H
FB1B  3E02     LD      A,002H
FB1D  CD0A0C    CALL    X0C0A
FB00  180D     JR      AFD0F

;
FB02  ED4B4BFF  AFD02: LD      BC,(YFF4B)
FB06  CD2B2D    CALL    X2D2B
FB08  CD2E2D    CALL    X2DE3
FB0C  F1       POP    AF
FB0D  A7       AND    A
FB0E  C0       RET
FB0F  110AFF    AFD0F: LD      DE,TFF0A
FB12  011200    LD      BC,00012H

```

FC15	CD3C20		CALL	X203C
FC16	ED4B4AFF		LD	BC, (YFF4A)
FC1C	CD2B2D		CALL	X2B2B
FC1F	CD3C2D		CALL	X2DE3
FC22	CB		RET	
;				
FC23	FE08	AFC23:	CP	0E8H 'VERIFY'
FC25	2027		JR	NZ, AFC4E
FC27	CD3EFD		CALL	AFDBE
FC2A	3A50FF		LD	A, (YFF50)
FC2D	FE02		CP	Z
FC2F	DB		RET	NC
FC30	F5		PUSH	AF
FC31	CD52FE		CALL	AFE52
FC34	F1		POP	AF
FC35	2157FF		LD	HL, OFF57H
FC38	A7		AND	A
FC3B	200E		JR	NZ, AFC4B
FC3E	CB8E		RES	1, (HL)
FC3D	210000		LD	HL, 0
FC40	22FCFE		LD	(DFEFC), HL
FC43	2201FF		LD	(DFF01), HL
FC46	CD3EFC		JP	AFC6B
;				
FC4B	CBCE	AFC4B:	SET	1, (HL)
FC4B	CD3EFC		JP	AFC6B
;				
FC4E	FE08	AFC4E:	CP	0E8H 'CONTINUE'
FC50	2022		JR	NZ, AFC74
FC52	CD3EFD		CALL	AFDBE
FC55	3A50FF		LD	A, (YFF50)
FC58	FE02		CP	Z
FC5A	DB		RET	NC
FC5B	CD37FE		CALL	AFE67
FC5E	2157FF		LD	HL, OFF57H
FC61	FE01		CP	1
FC63	280A		JR	Z, AFC6F
FC65	CB8B		RES	Z, (HL)
FC67	3E01		LD	A, 001H
FC68	328C5C		LD	(Y5C8C), A
FC6C	CD3EFC		JP	AFC6B
;				
FC6F	CB8B	AFC6F:	SET	Z, (HL)
FC71	CD3EFC		JP	AFC6B
;				
FC74	FE01	AFC74:	CP	0C1H 'STOP'
FC76	204F		JR	NZ, AFC07
FC78	CD30FD		CALL	AFDB0
FC7B	ED4B50FF		LD	BC, (YFF50)
FC7F	78		LD	A, B
FC80	B1		OR	C
FC81	CB		RET	Z
FC82	CD52FE		CALL	AFE52
FC85	ED5B4CFF		LD	DE, (YFF4C)
FC88	2A4EFF	AFC88:	LD	HL, (YFF4E)
FC8C	ED4B50FF		LD	BC, (YFF50)
FC8D	D5		PUSH	DE
FC81	1A	AFC81:	LD	A, (DE)
FC82	BE		CP	(HL)
FC83	280C		JR	Z, AFC81



FC85	D1		POP	DE
FC86	13		INC	DE
FC87	21FFFF		LD	HL,OFFF7H
FC8A	A7		AND	A
FC8B	ED52		SBC	HL,DE
FC8D	281D		JR	Z,AF0BC
FC8F	18E8		JR	AF0B9

		;		
FCA1	08	AFCA1:	DEC	BC
FCA2	78		LD	A,B
FCA3	B1		OR	C
FCA4	2804		JR	Z,AFCAA
FCA6	13		INC	DE
FCA7	23		INC	HL
FCA8	18E7		JR	AF0B1

		;		
FCAA	010F00	AFCAA:	LD	BC,0000FH
FCAE	1110FF		LD	DE,TFF1C
FCB0	0D3C20		CALL	X203C
FCB3	C1		POP	BC
FCB4	0D282D		CALL	X2D2B
FCB7	0DE32D		CALL	X2DE3
FCBA	182D		JR	AF0E9

		;		
FCBC	011000	AF0BC:	LD	BC,00010H
FCBF	1128FF		LD	DE,TFF2B
FCC2	0D3C20		CALL	X203C
FCC5	1822		JR	AF0E9

		;		
FCC7	FEE2	AF0C7:	CP	0E2H <i>stop!</i>
FCC8	C0		RET	NZ
FCCA	0D8EFD		CALL	AFD8E
FCCD	3A50FF		LD	A,(YFF50)
FCD0	FE02		CP	Z
FCD2	D0		RET	NC
FCD3	0D87FE		CALL	AFE87
FCD6	2157FF		LD	HL,OFF57H
FCD8	FE01		CP	1
FCD8	2804		JR	Z,AF0E1
FCD9	0B8E		RES	3,(HL)
FCDF	1808		JR	AF0E9

		;		
FCE1	0BDE	AF0E1:	SET	3,(HL)
FCE3	1804		JR	AF0E9

		;		
FCE5	0D87FE	AF0E5:	CALL	AFE87
FCE8	E1		POP	HL
FCE9	2A585C	AF0E9:	LD	HL,(Y5C58)
FCEC	3EEA		LD	A,0EAH
FCEE	77		LD	(HL),A
FCEF	C8		RET	

		;		
FCF0	1152FF	AF0F0:	LD	DE,OFF52H
FCF3	0808		LD	B,008H
FCF5	0E00		LD	C,0
FCF7	0D78FD		CALL	AFD7B
FCFA	2801		JR	Z,AF0FD
FCFC	23	AF0FC:	INC	HL
FCFD	7E	AF0FD:	LD	A,(HL)
FCFE	FE30		CP	30H

FD00	3B0D		JR	C,AFD0F
FD02	FE3A		CP	3AH
FD04	300B		JR	NC,AFD0F
FD06	B530		SUB	30H
FD08	12		LD	(DE),A
FD09	13		INC	DE
FD0A	0C		INC	C
FD0B	10EF		DJNZ	AFCFC
FD0D	1840		JR	AFD4F
		:		
FD0F	FE2C	AFD0F:	CP	ZCH
FD11	2B04		JR	Z,AFD17
FD13	FE0D		CP	ODH
FD15	203B		JR	NZ,AFD4F
FD17	7B	AFD17:	LD	A,C
FD18	FE00		CP	O
FD1A	2B33		JR	Z,AFD4F
FD1C	E5		PUSH	HL
FD1D	EB		EX	DE,HL
FD1E	2B		DEC	HL
FD1F	E5		PUSH	HL
FD20	8E		LD	L,(HL)
FD21	2B00		LD	H,O
FD23	EB		EX	(SP),HL
FD24	0D		DEC	C
FD25	2B23		JR	Z,AFD4A
FD27	110A00		LD	DE,0000AH
FD2A	CDBBFD		CALL	AFDBB
FD2D	0B		DEC	C
FD2E	2B1A		JR	Z,AFD4A
FD30	11B400		LD	DE,000B4H
FD33	CDBBFD		CALL	AFDBB
FD36	0D		DEC	C
FD37	2B11		JR	Z,AFD4A
FD39	11EB03		LD	DE,003E9H
FD3C	CDBBFD		CALL	AFDBB
FD3F	0D		DEC	C
FD40	2B0B		JR	Z,AFD4A
FD42	111027		LD	DE,02710H
FD45	CDBBFD		CALL	AFDBB
FD48	3B03		JR	C,AFD4D
FD4A	E1	AFD4A:	POP	HL
FD4B	D1		POP	DE
FD4C	CB		RET	
		:		
FD4D	E1	AFD4D:	POP	HL
FD4E	E1		POP	HL
FD4F	E1	AFD4F:	POP	HL
FD50	E1	AFD50:	POP	HL
FD51	CB		RET	
		:		
FD52	CB	AFD52:	PUSH	BC
FD53	CD6E1B		CALL	X18BE
FD56	EB		EX	(SP),HL
FD57	CD6E1B		CALL	X18BE
FD5A	D1		POP	DE
FD5B	EB		EX	DE,HL
FD5C	CD6E1B		CALL	X18BE
FD5F	CB		RET	

FD60	CDFOFC	AFDB0:	CALL	AFCFO
FD63	224CFF		LD	(YFF4C),HL
FD66	EB		EX	DE,HL
FD67	CDFOFC	AFDB7:	CALL	AFCFO
FD6A	224EFF		LD	(YFF4E),HL
FD6D	EB		EX	DE,HL
FD6E	CDFOFC	AFDBE:	CALL	AFCFO
FD71	2250FF		LD	(YFF50),HL
FD74	EB		EX	DE,HL
FD75	7E	AFD75:	LD	A,(HL)
FD76	FE0D		CP	ODH
FD78	20B8		JR	NZ,AFD50
FD7A	C9		RET	
FD7B	23	AFD7B:	INC	HL
FD7C	7E		LD	A,(HL)
FD7D	FE30		CP	30H
FD7F	2BFA		JR	Z,AFD7B
FD81	2B		DEC	HL
FD82	FE2C		CP	ZCH
FD84	C8		RET	Z
FD85	FE0D		CP	ODH
FD87	C9		RET	
FD88	DDE1	AFD88:	POP	IX
FD8A	2B		DEC	HL
FD8B	E5		PUSH	HL
FD8C	6E		LD	L,(HL)
FD8D	2B00		LD	H,0
FD8F	CDAB30		CALL	X30AB
FD92	D1		POP	DE
FD93	EB		EX	DE,HL
FD94	E3		EX	(SP),HL
FD95	19		ADD	HL,DE
FD96	3BB7		JR	C,AFD4F
FD98	E3		EX	(SP),HL
FD99	DDE5		PUSH	IX
FD9B	C9		RET	
FD9C	F3	AFD9C:	DI	
FD9D	FDCB017E		BIT	7,(IY+001H)
FDA1	2B21		JR	Z,AFDC4
FDA3	FDCB015E		BIT	3,(IY+001H)
FDA7	2006		JR	NZ,AFDAF
FDA9	FDCB01BE		RES	7,(IY+001H)
FDAE	1B15		JR	AFDC4
FDAF	2A455C	AFDAF:	LD	HL,(Y5C45)
FDB2	11FEFF		LD	DE,OFFFEH
FDB5	A7		AND	A
FDB6	ED52		SBC	HL,DE
FDB8	2B0A		JR	Z,AFDC4
FDBA	19		ADD	HL,DE
FDBB	22FCFE		LD	(DFEFC),HL
FDBE	3A475C		LD	A,(Y5C47)
FDC1	3201FF		LD	(DFF01),A
FDC4	21E0FE	AFDC4:	LD	HL,TFEE0
FDC7	111440		LD	DE,04014H
FDCA	0B05		LD	B,005H
FDCC	7E	AFDCC:	LD	A,(HL)

FDD0	C5		PUSH	BC
FDD2	CD21FE		CALL	AFE21
FDD1	C1		POP	BC
FDD2	23		INC	HL
FDD3	10F7		DJNZ	AFDCC
FDD5	2AFCFE		LD	HL,(DFEFC)
FDD8	01E803		LD	BC,003EBH
FDD9	CD18FE		CALL	AFE18
FDE0	01B400		LD	BC,00084H
FDE1	CD18FE		CALL	AFE18
FDE4	010A00		LD	BC,0000AH
FDE7	CD18FE		CALL	AFE18
FDEA	010100		LD	BC,00001H
FDED	CD18FE		CALL	AFE18
FDF0	21D03D		LD	HL,03DD0H
FDF3	CD2EFE		CALL	AFE2E
FDF6	2A01FF		LD	HL,(DFF01)
FDF8	010A00		LD	BC,0000AH
FDFC	CD18FE		CALL	AFE18
FDFE	010100		LD	BC,00001H
FE02	CD18FE		CALL	AFE18
FE05	FDCB017E		BIT	7,(IY+001H)
FE09	C8		RET	Z
FE0A	FDCB0C7E		BIT	7,(IY+00CH)
FE0E	C0		RET	NZ
FE0F	01888B		LD	BC,0888BH
FE12	0B	AFE12:	DEC	BC
FE13	7B		LD	A,B
FE14	B1		OR	C
FE15	20FB		JR	NZ,AFE12
FE17	C9		RET	
FE18	AF	AFE18:	XOR	A
FE19	C808	AFE18:	ADD	A,B
FE1B	A7		AND	A
FE1C	ED42		SBC	HL,BC
FE1E	30FB		JR	NC,AFE19
FE20	09		ADD	HL,BC
FE21	E5	AFE21:	PUSH	HL
FE22	2600		LD	H,0
FE24	8F		LD	L,A
FE25	01783D		LD	BC,03D7BH
FE28	09		ADD	HL,BC
FE29	CD2EFE		CALL	AFE2E
FE2C	E1		POP	HL
FE2D	C9		RET	
FE2E	D5	AFE2E:	PUSH	DE
FE2F	0808		LD	B,00BH
FE31	7E	AFE31:	LD	A,(HL)
FE32	12		LD	(DE),A
FE33	14		INC	D
FE34	23		INC	HL
FE35	10FA		DJNZ	AFE31
FE37	D1		POP	DE
FE38	1C		INC	E
FE39	C9		RET	
FE3A	3EFF	AFE3A:	LD	A,0FFH
FE3C	328C5C		LD	(Y5C8C),A

```

FE3F 08          RET
;
FE40 CD541F     AFE40: CALL    X1F54
FE43 08          RET    C
FE44 FDCB017E   BIT     7,(IY+001H)
FE48 08          RET    Z
FE49 FDCB01BE   RES     7,(IY+001H)
FE4D ED783D5C   LD     SP,(Y5C3D)
FE51 08          RET
;
FE52 CD8B0D     AFE52: CALL    X0D8B
FE55 3E02       LD     A,002H
FE57 CD0118     CALL   X1801
FE5A 08          RET
;
FE5B A7          AFE5B: AND     A
FE5C ED42       SBC    HL,BC
FE5E 44         LD     B,H
FE5F 4D         LD     C,L
FE60 CD2B2D     CALL   X2D2B
FE63 CD832D     CALL   X2DE3
FE66 08          RET
;
FE67 F5         AFE67: PUSH   AF
FE68 FDCB3086   RES     0,(IY+030H)
FE6C CD8E0D     CALL   X0D8E
FE6F 3E02       LD     A,002H
FE71 CD0118     CALL   X1801
FE74 F1         POP    AF
FE75 08          RET
;
FE78 50         TFE78: DB     'Program length:'
FE85 0D         TFE85: DB     13,'Variables length:'
FE87 0D         TFE87: DB     13,'Free memory:'
FEA4 0D         TFEA4: DB     13,'Rantop:'
FEAC 43         TFEAC: DB     'Calculated jump:'
FEBC 0000       DFEBC: DW     0
FE8E 50         TFE8E: DB     'Press any key'
FE0B 4C         TFE0B: DB     'Line address:'
FE08 48         TFE08: DB     'Hex='
FE0C 44         TFE0C: DB     'Dec='
FE80 58         TFE80: DB     0E8H
FE81 30         DB     0D0H
FE82 58         DB     0F8H
FE83 50         DB     0B0H
FE84 58         DB     58H
FE85 4C         TFE85: DB     'List variables:'
FEF4 0D         TFEF4: DB     13,'Length:'
FEFC 00         DB     0,0,0
FEFF 2BFF6      VECT:  DW     AFB2B
FF01 0000       DFF01:  DW     0
FF03 0D         TFF03:  DB     13,'Start:'
FF0A 0D         TFF0A:  DB     13,'Length-variables:'
FF1C 53         TFF1C:  DB     'String address:'
FF2B 53         TFF2B:  DB     'String not found'
FF3B 30         DFF3B:  DB     '0'
FF3C 30         TFF3C:  DB     '00000000000'
;
END
    
```

```

;Disassemblaggio toolkit 'over basic' per SPECTRUM
;Ultimo aggiornamento 23-agosto-85
;
X02BF EQU 002BFH
X0556 EQU 00556H
X0C0A EQU 00C0AH
X0D6B EQU 00D6BH
X0D6E EQU 00D6EH
X0DFE EQU 00DFEH
X0E00 EQU 00E00H
X0F8B EQU 00F8BH
X1601 EQU 01601H
X165A EQU 0165AH
X18B6 EQU 018B6H
X18B9 EQU 018B9H
X196E EQU 0196EH
X19E3 EQU 019E3H
X1F1A EQU 01F1AH
X1F54 EQU 01F54H
X203C EQU 0203CH
X2D2B EQU 02D2BH
X2DE3 EQU 02DE3H
X30A9 EQU 030A9H
Y5C08 EQU 05C08H
Y5C3D EQU 05C3DH
Y5C45 EQU 05C45H
Y5C47 EQU 05C47H
Y5C48 EQU 05C48H
Y5C4C EQU 05C4CH
Y5C53 EQU 05C53H
Y5C59 EQU 05C59H
Y5C5B EQU 05C5BH
Y5C89 EQU 05C89H
Y5C8C EQU 05C8CH
Y5C82 EQU 05C82H
YFF46 EQU 0FF46H
YFF48 EQU 0FF48H
YFF49 EQU 0FF49H
YFF4A EQU 0FF4AH
YFF4C EQU 0FF4CH
YFF4E EQU 0FF4EH
YFF4F EQU 0FF4FH
YFF50 EQU 0FF50H
YFF57 EQU 0FF57H
;
; ORG 0F618H
;
F818 3EFE OBDN: MVI A,0FEH
F81A ED47 STAI
F81C ED5E IM2
F81E C9 RET
;
F81F 3EFE OBOFF: MVI A,0FEH
F821 ED47 STAI
F823 ED5E IM1
F825 3E00 MVI A,0
F827 3257FF STA YFF57
F82A C9 RET
;
F82B FF RST 7

```

F82C	F5		PUSH	PSW
F82D	E5		PUSH	H
F82E	Z157FF		LXI	H,OFF57H
F831	CB46		BIT	O,M
F833	FF		RST	7
F834	Z802		JRZ	AF638
F836	F1		POP	PSW
F837	C9		RET	
;				
F838	C5	AF638:	PUSH	B
F839	D5		PUSH	D
F83A	E5		PUSH	H
F83B	3A0B5C		LDA	Y5C0B
F83E	FE0D		CPI	ODH
F840	Z157FF		LXI	H,OFF57H
F843	E5		PUSH	H
F844	CC63FB		CZ	AF663
F847	E1		POP	H
F848	CB86		RES	O,M
F84A	CB56		BIT	Z,M
F84C	E5		PUSH	H
F84D	C43AFE		CNZ	AFE3A
F850	E1		POP	H
F851	CB5E		BIT	3,M
F853	E5		PUSH	H
F854	C440FE		CNZ	AFE40
F857	E1		POP	H
F858	CB4E		BIT	1,M
F85A	C46CFD		CNZ	AFD9C
F85D	E1		POP	H
F85E	D1		POP	D
F85F	C1		POP	B
F860	F1		POP	PSW
F861	FB		EI	
F862	C9		RET	
;				
F863	CB0B	AF663:	SET	O,M
F865	2A595C		LHLD	Y5C59
F868	7E		MOV	A,M
F869	FECB		CPI	OCBH
F86B	C0		RNZ	
F86C	23		INX	H
F86D	7E		MOV	A,M
F86E	FECF		CPI	OCFH
F870	Z054		JRNZ	AF6C8
F872	23		INX	H
F873	CD75FD		CALL	AFD75
F876	CD52FE		CALL	AFE52
F879	010F00		LXI	B,0000FH
F87C	1176FE		LXI	D,TFE76
F87F	CD3C20		CALL	X203C
F882	2A4B5C		LHLD	Y5C4B
F885	E5		PUSH	H
F886	ED4B535C		LBDD	Y5C53
F88A	CD5BFE		CALL	AFE5B
F88D	011200		LXI	B,00012H
F890	1185FE		LXI	D,TFE85
F893	CD3C20		CALL	X203C
F896	C1		POP	B
F897	2A595C		LHLD	Y5C59

F68A	2B	DCX	H
F68B	CD5BFE	CALL	AFE5B
F68E	010D00	LXI	B,0000DH
F6A1	11B7FE	LXI	D,TFE87
F6A4	CD3C20	CALL	X203C
F6A7	CD1A1F	CALL	X1F1A
F6AA	210000	LXI	H,0
F6AD	CD5BFE	CALL	AFE5B
F6B0	010800	LXI	B,00008H
F6B3	11A4FE	LXI	D,TFEA4
F6B6	CD3C20	CALL	X203C
F6B9	ED4BB25C	LBCD	Y5CB2
F6BD	CD2B2D	CALL	X2D2B
F6C0	CDE32D	CALL	X2DE3
F6C3	C3E9FC	JMP	AFCE9

F6C6	FEFD	AF6C6:	CPI	OFDH
F6C8	2027		JRNZ	AF6F1
F6CA	CD67FD		CALL	AFD67
F6CD	210F27		LXI	H,0270FH
F6D0	ED4B4EFF		LBCD	YFF4E
F6D4	ED5B50FF		LDED	YFF50
F6D8	A7		ANA	A
F6D9	ED42		DSBC	B
F6DB	D8		RC	
F6DC	08		DAD	B
F6DD	A7		ANA	A
F6DE	ED52		DSBC	D
F6E0	D8		RC	
F6E1	EB		XCHG	
F6E2	A7		ANA	A
F6E3	ED42		DSBC	B
F6E5	D8		RC	
F6E6	08		DAD	B
F6E7	23		INX	H
F6E8	CD52FD		CALL	AFD52
F6EB	CD52FE		CALL	AFE52
F6EE	C3E9FC		JMP	AFCE9

F6F1	FED0	AF6F1:	CPI	OD0H
F6F3	C20BF8		JNZ	AF80B
F6F6	CD67FD		CALL	AFD67
F6F9	ED5B4EFF		LDED	YFF4E
F6FD	7A		MOV	A,D
F6FE	B3		ORA	E
F6FF	C8		RZ	
F700	2A50FF		LHLD	YFF50
F703	7C		MOV	A,H
F704	B5		ORA	L
F705	C8		RZ	
F708	2A535C		LHLD	Y5C53
F709	7E		MOV	A,M
F70A	FE40		CPI	40H
F70C	D0		RNC	
F70D	D5		PUSH	D
F70E	E5		PUSH	H
F70F	CD52FE		CALL	AFE52
F712	CDE9FC		CALL	AFCE9
F715	E1		POP	H
F71B	D1		POP	D



F717	D5	AF717:	PUSH	D
F718	CD67FB		CALL	AF867
F718	282E		JRZ	AF74B
F71D	FE0D	AF71D:	CPI	0DH
F71F	2808		JRZ	AF727
F721	FE3A		CPI	3AH
F723	2802		JRZ	AF727
F725	181F		JMPR	AF746
;				
F727	0803	AF727:	MVI	B,003H
F729	23	AF729:	INX	H
F72A	7E		MOV	A,M
F72B	FE0E		CPI	0EH
F72D	2015		JRNZ	AF744
F72F	C5		PUSH	B
F730	E5		PUSH	H
F731	3E20		MVI	A,020H
F733	CD880F		CALL	X0F88
F736	E1		POP	H
F737	C1		POP	B
F738	ED5B8CFE		LDED	DFEBC
F73C	EB		XCHG	
F73D	34		INR	M
F73E	2003		JRNZ	AF743
F740	23		INX	H
F741	34		INR	M
F742	2B		DCX	H
F743	EB	AF743:	XCHG	
F744	10E3	AF744:	DJNZ	AF729
F746	CD88FB	AF746:	CALL	AF888
F749	20D2		JRNZ	AF71D
F74B	D1	AF74B:	POP	D
F74C	CDF8FB		CALL	AF8FB
F74F	E5		PUSH	H
F750	210F27		LXI	H,0270FH
F753	A7		ANA	A
F754	ED52		DSBC	D
F756	E1		POP	H
F757	300B		JRNC	AF761
F759	3E0B		MVI	A,00BH
F75B	119113		LXI	D,01391H
F75E	C30A0C		JMP	X0C0A
;				
F761	CDAFFB	AF761:	CALL	AFBAF
F764	20B1		JRNZ	AF717
F766	CD52FE		CALL	AFE52
F769	ED5B4EFF		LDED	YFF4E
F76D	2A535C		LHLD	Y5C53
F770	E5	AF770:	PUSH	H
F771	48		MOV	B,M
F772	23		INX	H
F773	4E		MOV	C,M
F774	2A535C		LHLD	Y5C53
F777	CD67FB	AF777:	CALL	AF867
F77A	2842		JRZ	AF78E
F77C	FE0D	AF77C:	CPI	0DH
F77E	2808		JRZ	AF786
F780	FE3A		CPI	3AH
F782	2802		JRZ	AF786
F784	1833		JMPR	AF789

F786	E5			
F787	23			
F788	CD8918			
F78B	B9			
F78C	2027			
F78E	23			
F78F	7E			
F790	B8			
F791	2023			
F793	E3			
F794	D5			
F795	C5			
F796	EB			
F797	01E803			
F79A	CDECF8			
F79D	01B400			
F7A0	CDECF8			
F7A3	010A00			
F7A6	CDECF8			
F7A8	010100			
F7AC	CDECF8			
F7AF	C1			
F7B0	D1			
F7B1	E1			
F7B2	23			
F7B3	1804			
;				
F7B5	23	AF7B5:	INX	H
F7B6	23	AF7B6:	INX	H
F7B7	33		INX	SP
F7B8	33		INX	SP
F7B9	CD8BFB	AF7B9:	CALL	AF8BB
F7BC	20BE		JRNZ	AF77C
F7BE	CDAFF8	AF7BE:	CALL	AFBAF
F7C1	20B4		JRNZ	AF777
F7C3	E3		XTHL	
F7C4	23		INX	H
F7C5	23		INX	H
F7C6	4E		MOV	C,M
F7C7	23		INX	H
F7C8	46		MOV	B,M
F7C9	09		DAD	B
F7CA	23		INX	H
F7CB	C1		POP	B
F7CC	A7		ANA	A
F7CD	ED42		DSBC	B
F7CF	2808		JRZ	AF7D7
F7D1	09		DAD	B
F7D2	CD8FB8		CALL	AF8FB
F7D5	1899		JMPR	AF770
;				
F7D7	2A535C	AF7D7:	LHLD	Y5C53
F7DA	ED5B4EFF		LDIED	YFF4E
F7DE	72	AF7DE:	MOV	M,D
F7DF	23		INX	H
F7E0	73		MOV	M,E
F7E1	CD8BFB		CALL	AF8BB
F7E4	2877		JRZ	AF85D
F7E6	FE0D	AF7E6:	CPI	ODH

F7EB	2848		JRZ	AF832
F7EA	FE3A		CPI	3AH
F7EC	2844		JRZ	AF832
F7EE	E5		PUSH	H
F7EF	D5		PUSH	D
F7FO	D5		PUSH	D
F7F1	3A885C		LDA	Y5C89
F7F4	FE02		CPI	Z
F7F6	2023		JRNZ	AF81B
F7F8	3C		INR	A
F7F9	32885C		STA	Y5C89
F7FC	3E01		MVI	A,001H
F7FE	CD0116		CALL	X1601
F801	11BEFE		LXI	D,TFEBE
F804	010D00		LXI	B,0000DH
F807	CD3C20		CALL	X203C
F80A	FDCB016E	AF80A:	BIT	5,001H(Y)
F80E	2BFA		JRZ	AF80A
F810	CD8E0D		CALL	X0D8E
F813	CDFE0D		CALL	X0DFE
F816	3E02		MVI	A,002H
F818	CD0116		CALL	X1601
F81B	11ACFE	AF81B:	LXI	D,TFEAC
F81E	011000		LXI	B,00010H
F821	CD3C20		CALL	X203C
F824	C1		POP	B
F825	CD2B2D		CALL	X2D2B
F828	CDE32D		CALL	X2DE3
F82B	3E0D		MVI	A,00DH
F82D	D7		RST	Z
F82E	D1		POP	D
F82F	E1		POP	H
F830	1B26		JMPR	AF858
;				
F832	D5	AF832:	PUSH	D
F833	EB		XCHG	
F834	Z10000		LXI	H,0
F837	01EB03		LXI	B,003E8H
F83A	CD00FB		CALL	AF900
F83D	016400		LXI	B,00064H
F840	CD00FB		CALL	AF900
F843	010A00		LXI	B,0000AH
F846	CD00FB		CALL	AF900
F849	010100		LXI	B,00001H
F84C	CD00FB		CALL	AF900
F84F	EB		XCHG	
F850	Z3		INX	H
F851	Z3		INX	H
F852	Z3		INX	H
F853	Z3		MOV	M,E
F854	Z3		INX	H
F855	Z2		MOV	M,D
F856	D1		POP	D
F857	Z3		INX	H
F858	CD88FB	AF858:	CALL	AF888
F85B	Z089		JRNZ	AF7E6
F85D	CDAFFB	AF85D:	CALL	AFBAF
F860	CB		RZ	
F861	CD88FB		CALL	AF888
F864	C3DEF7		JMP	AF7DE

```

;
F867 23 AF867: INX H
F868 23 AF868: INX H
F869 22BCFE SHLD DFEB C
F86C 23 INX H
F86D 23 AF86D: INX H
F86E 7E MOV A,M
F86F FE6A CPI OEAH
F871 2832 JRZ AF8A5
F873 FE61 CPI OE1H
F875 2858 JRZ AF8CD
F877 FE65 CPI OE5H
F879 2852 JRZ AF8CD
F87B FE6C CPI OECH
F87D 2858 JRZ AF8D7
F87F FE6D CPI OEDH
F881 2854 JRZ AF8D7
F883 FE60 CPI OF0H
F885 2848 JRZ AF8CD
F887 FE67 CPI OF7H
F889 2842 JRZ AF8CD
F88B 23 AF88B: INX H
F88C 7E MOV A,M
F88D CDB618 CALL X1886
F890 FE0D CPI ODH
F892 C8 RZ
F893 FE3A CPI 3AH
F895 28D6 JRZ AF86D
F897 FECA CPI OCAH
F899 2820 JRZ AF88B
F89B FE6B CPI OCBH
F89D 28CE JRZ AF86D
F89F FE22 CPI 22H
F8A1 2822 JRZ AF8C5
F8A3 18E8 JMPR AF88B
;
F8A5 2ABC FE AF8A5: LHLD DFEB C
F8A8 C5 PUSH B
F8A9 4E MOV C,M
F8AA 23 INX H
F8AB 48 MOV B,M
F8AC C8 DAD B
F8AD C1 POP B
F8AE C8 RET
;
F8AF 23 AF8AF: INX H
F8B0 3A4B5C LDA Y5C4B
F8B3 BD CMP L
F8B4 C0 RNZ
F8B5 3A4C5C LDA Y5C4C
F8B8 BC CMP H
F8B9 C0 RNZ
F8BA C8 RET
;
F8BB 23 AF8BB: INX H
F8BC 23 INX H
F8BD 7E MOV A,M
F8BE FE24 CPI 24H
F8C0 28C8 JRZ AF88B
F8C2 28 DCX H

```

```

FB03 1813          JMPR      AF0D5
;
FB05 23           AF0C5:  INX      H
FB06 7E           MOV      A,M
FB07 FE22         CPI      22H
FB09 2800         JRZ      AF0B8
FB0B 18F8         JMPR      AF0C5
;
FB0D 23           AF0CD:  INX      H
FB0E 7E           MOV      A,M
FB0F FE0D         CPI      0DH
FB11 0B          RZ
FB12 FE3A         CPI      3AH
FB14 2897         JRZ      AF0D0
FB16 2B          DCX      H
FB17 23           AF0D7:  INX      H
FB18 7E           AF0D8:  MOV      A,M
FB19 FE3A         CPI      3AH
FB1B 00          RNC
FB1C FE30         CPI      30H
FB1E 0B          RC
FB1F E5          PUSH     H
FB20 23           AF0E0:  INX      H
FB21 7E           MOV      A,M
FB22 FE0E         CPI      0EH
FB24 20FA         JRNZ     AF0E0
FB26 028818       CALL    X1888
FB28 E1          POP      H
FB2A A7          ANA     A
FB2C 09          RET
;
FB2E 3E2F         AF0E0:  MVI     A,02FH
FB2F 3C           AF0E1:  INR     A
FB31 A7          ANA     A
FB33 ED42         DSBC
FB35 30FA         JRNC    AF0EE
FB37 0B          DAD     B
FB39 12          STAX   D
FB3B 13          INX     D
FB3D 09          RET
;
FB3F E5          AF0F8:  PUSH     H
FB41 2A50FF       LHL     YFF50
FB43 18          DAD     D
FB45 EB          XCHG
FB47 E1          POP     H
FB49 09          RET
;
FB4B 1A          AF000:  LDAX   D
FB4D D830         SUI     30H
FB4F 2804         JRZ     AF009
FB51 0B          AF005:  DAD     B
FB53 3D          DCR     A
FB55 20FC         JRNZ    AF005
FB57 13          AF009:  INX     D
FB59 09          RET
;
FB5B FEEA         AF00B:  CPI     0EAH
FB5D 0288FB       JNZ     AF00B
FB5F 0287FD       CALL    AF007

```

F813	2A50FF	LHLD	YFF50
F816	7C	MOV	A,H
F817	B5	DRA	L
F818	CB	RZ	
F819	E5	PUSH	H
F81A	CD1A1F	CALL	X1F1A
F81D	21F0FF	LXI	H,OFFF0H
F820	D1	POP	D
F821	A7	ANA	A
F822	ED52	DSBC	D
F824	A7	ANA	A
F825	ED42	DSBC	B
F827	D8	RC	
F828	ED4B4EFF	LBCD	YFF4E
F82C	210F27	LXI	H,0270FH
F82F	A7	ANA	A
F830	ED42	DSBC	B
F832	D8	RC	
F833	C5	PUSH	B
F834	60	MOV	H,B
F835	68	MOV	L,C
F836	23	INX	H
F837	CD52FD	CALL	AFD52
F83A	CD52FE	CALL	AFE52
F83D	E1	POP	H
F83E	CD6E18	CALL	X186E
F841	ED5B4B5C	LDED	Y5C4B
F845	A7	ANA	A
F846	ED52	DSBC	D
F848	19	DAD	D
F849	37	STC	
F84A	200B	JRNZ	AF854
F84C	E5	PUSH	H
F84D	EB	XCHG	
F84E	23	INX	H
F84F	224B5C	SHLD	Y5C4B
F852	3F	CMC	
F853	E1	POP	H
F854	ED4B50FF	AF854: LBCD	YFF50
F858	03	INX	B
F859	03	INX	B
F85A	C5	PUSH	B
F85B	03	INX	B
F85C	03	INX	B
F85D	03	INX	B
F85E	E5	PUSH	H
F85F	C5	PUSH	B
F860	03	INX	B
F861	F5	PUSH	PSW
F862	CD5A16	CALL	X165A
F865	F1	POP	PSW
F868	3807	JRC	AF86F
F86B	2A4B5C	LHLD	Y5C4B
F86B	2B	DCX	H
F86C	224B5C	SHLD	Y5C4B
F86F	C1	AF86F: POP	B
F870	E1	POP	H
F871	3A4FFF	LDA	YFF4F
F874	77	MOV	M,A
F875	23	INX	H

F876	0B		DCX	B
F877	3A4EFF		LDA	YFF4E
F87A	77		MOV	M,A
F87B	23		INX	H
F87C	0B		DCX	B
F87D	D1		POP	D
F87E	7B		MOV	M,E
F87F	23		INX	H
F880	0B		DCX	B
F881	72		MOV	M,D
F882	23		INX	H
F883	0B		DCX	B
F884	36EA		MVI	M,OEAH
F886	23	AF886:	INX	H
F887	362A		MVI	M,OZAH
F889	0B		DCX	B
F88A	7B		MOV	A,B
F88B	B1		ORA	C
F88C	20FB		JRNZ	AF886
F88E	360D		MVI	M,OODH
F890	C3E9FC		JMP	AFCE9

;  
; >> NO EXECUTION PATH TO HERE <<

F893	D1		POP	D
F894	3E2A	AF894:	MVI	A,OZAH
F896	D5		PUSH	D
F897	CD54F9		CALL	AF954
F89A	D1		POP	D
F89B	1B		DCX	D
F89C	7A		MOV	A,D
F89D	B3		ORA	E
F89E	20F4		JRNZ	AF894
F8A0	3E0D		MVI	A,OODH
F8A2	CD54F9		CALL	AF954
F8A5	C3E9FC		JMP	AFCE9

;  
; >> NO EXECUTION PATH TO HERE <<

F8AB	010100		LXI	B,00001H
F8AB	CD5A1B		CALL	X185A
F8AE	12		STAX	D
F8AF	13		INX	D
F8B0	ED535B5C		SDED	Y5C5B
F8B4	EB		XCHG	
F8B5	C8		RET	

;  
AF8B6:

F8B6	FED1	AF8B6:	CPI	OD1H
F8B8	2033		JRNZ	AF8ED
F8BA	CD80FD		CALL	AFD60
F8BD	ED4850FF		LBCD	YFF50
F8C1	7B		MOV	A,B
F8C2	B1		ORA	C
F8C3	C8		RZ	
F8C4	ED5B4EFF		LDED	YFF4E
F8C8	2A4CFF		LHLD	YFF4C
F8CB	A7		ANA	A
F8CC	ED52		DSBC	D
F8CE	C8		RZ	
F8CF	F5		PUSH	PSW
F8D0	19		DAD	D
F8D1	F1		POP	PSW

F8D2	C5		PUSH	B
F8D3	D5		PUSH	D
F8D4	E5		PUSH	H
F8D5	CD67FE		CALL	AFE67
F8D8	E1		POP	H
F8D9	D1		POP	D
F8DA	C1		POP	B
F8DB	300B		JRNC	AF9E8
F8DD	08		DAD	B
F8DE	2B		DCX	H
F8DF	EB		XCHG	
F8E0	08		DAD	B
F8E1	2B		DCX	H
F8E2	EB		XCHG	
F8E3	ED88		LDDR	
F8E5	C3E9FC		JMP	AFCE9
;				
F8E8	ED80	AF9E8:	LDIR	
F8EA	C3E9FC		JMP	AFCE9
;				
F8ED	FECA	AF9ED:	CPI	OCAH
F8EF	202A		JRNZ	AFA1B
F8F1	CD8EFD		CALL	AFD8E
F8F4	ED5B50FF		LDED	YFF50
F8F8	210F27		LXI	H,0270FH
F8FB	A7		ANA	A
F8FC	ED52		DSBC	D
F8FE	DB		RC	
F8FF	18		DAD	D
FA00	EB		XCHG	
FA01	CD8E18		CALL	X188E
FA04	E5		PUSH	H
FA05	CD52FE		CALL	AFE52
FA08	010D00		LXI	B,0000DH
FA0B	11CBFE		LXI	D,TFECB
FA0E	CD3C20		CALL	X203C
FA11	C1		POP	B
FA12	CD2B2D		CALL	X2D2B
FA15	CDE32D		CALL	X2DE3
FA18	C3E9FC		JMP	AFCE9
;				
FA1B	FEAF	AFA1B:	CPI	OAFH
FA1D	202D		JRNZ	AFA4C
FA1F	CD8EFD		CALL	AFD8E
FA22	CD52FE		CALL	AFE52
FA25	11DBFE		LXI	D,TFEDB
FA28	010400		LXI	B,00004H
FA2B	CD3C20		CALL	X203C
FA2E	2151FF		LXI	H,OFF51H
FA31	0602		MVI	B,002H
FA33	0E02	AFA33:	MVI	C,002H
FA35	AF	AFA35:	XRA	A
FA38	EDBF		RLD	
FA3B	CB30		ADI	30H
FA3A	FE3A		CPI	3AH
FA3C	3802		JRC	AFA40
FA3E	CB07		ADI	7
FA40	D7	AFA40:	RST	Z
FA41	0D		DCR	C
FA42	20F1		JRNZ	AFA35



FA44	2150FF		LXI	H,OFF50H
FA47	10EA		DJNZ	AFA33
FA49	C3E9FC		JMP	AFCE9
		;		
FA4C	FEBF	AFA4C:	CPI	0BFH
FA4E	2078		JRNZ	AFACB
FA50	1152FF		LXI	D,OFF52H
FA53	0B05		MVI	B,005H
FA55	0E00		MVI	C,0
FA57	CD78FD		CALL	AFD7B
FA5A	2B01		JRZ	AFA5D
FA5C	23	AFA5C:	INX	H
FA5D	7E	AFA5D:	MOV	A,M
FA5E	FE30		CPI	30H
FA60	3824		JRC	AFAB6
FA62	FE3A		CPI	3AH
FA64	3004		JRNC	AFABA
FA66	D630		SUI	30H
FA68	1816		JMPR	AFAB0
		;		
FA6A	FEB1	AFA6A:	CPI	61H
FA6C	3B08		JRC	AFA76
FA6E	FEB7		CPI	67H
FA70	3004		JRNC	AFA76
FA72	D657		SUI	57H
FA74	180A		JMPR	AFAB0
		;		
FA76	FE41	AFA76:	CPI	41H
FA78	380C		JRC	AFAB6
FA7A	FE47		CPI	47H
FA7C	300B		JRNC	AFAB6
FA7E	DB37		SUI	37H
FA80	12	AFAB0:	STAX	D
FA81	13		INX	D
FA82	0C		INR	C
FA83	10D7		DJNZ	AFA5C
FA85	C9		RET	
		;		
FA86	FE0D	AFAB6:	CPI	0DH
FA88	C0		RNZ	
FA89	79		MOV	A,C
FA8A	FE00		CPI	0
FA8C	CB		RZ	
FA8D	EB		XCHG	
FA8E	2B		DCX	H
FA8F	E5		PUSH	H
FA90	6E		MOV	L,M
FA91	2B00		MVI	H,0
FA93	E3		XTHL	
FA94	0D		DCR	C
FA95	2B1B		JRZ	AFAAF
FA97	111000		LXI	D,00010H
FA9A	CDBBFD		CALL	AFDBB
FA9D	0D		DCR	C
FA9E	2B0F		JRZ	AFAAF
FAA0	110001		LXI	D,00100H
FAA3	CDBBFD		CALL	AFDBB
FAA6	0D		DCR	C
FAA7	2B0B		JRZ	AFAAF
FAA9	110010		LXI	D,01000H

FAAC	CD88FD		CALL	AFD88
FAAF	DA50FD	AFAAF:	JC	AFD50
FAB2	CD52FE		CALL	AFE52
FAB5	11DCFE		LXI	D,TFEDC
FABB	010400		LXI	B,00004H
FABB	CD3C20		CALL	X203C
FABE	D1		POP	B
FABF	CD2B2D		CALL	X2D2B
FAC2	CDE32D		CALL	X2DE3
FAC5	C3E8FC		JMP	AFCE8
;				
FAC8	FEFO	AFAC8:	CPI	0FOH
FACA	C282FB		JNZ	AFB82
FACD	23		INX	H
FACE	CD75FD		CALL	AFD75
FAD1	CD52FE		CALL	AFE52
FAD4	11E5FE		LXI	D,TFEE5
FAD7	010F00		LXI	B,0000FH
FADA	CD3C20		CALL	X203C
FADD	2A4B5C		LHLD	Y5C4B
FAE0	3E0D	FAE0:	MVI	A,00DH
FAE2	D7		RST	2
FAE3	ED5B595C		LDED	Y5C59
FAE7	1B		DCX	D
FAE8	A7		ANA	A
FAE9	ED52		DSBC	D
FAE8	CAE8FC		JZ	AFCE8
FAEE	1B		DAD	D
FAEF	3AB95C		LDA	Y5C89
FAF2	FE02		CPI	2
FAF4	202F		JRNZ	AFB25
FAF6	E5		PUSH	H
FAF7	3C		INR	A
FAF8	32895C		STA	Y5C89
FAF8	3E01		MVI	A,001H
FAFD	CD0116		CALL	X1601
FB00	11FB0C		LXI	D,00CFBH
FB03	CD0A0C		CALL	X0C0A
FB06	CD8F02	AFB06:	CALL	X02BF
FB09	FEFF		CPI	0FFH
FB0B	28FB		JRZ	AFB0B
FB0D	FE8E		CPI	8EH
FB0F	CAE5FC		JZ	AFCE5
FB12	FE20		CPI	20H
FB14	CAE5FC		JZ	AFCE5
FB17	CD8E0D		CALL	X0D8E
FB1A	0B1B		MVI	B,01BH
FB1C	CD000E		CALL	X0E00
FB1F	3E02		MVI	A,002H
FB21	CD0116		CALL	X1601
FB24	E1		POP	H
FB25	7E	AFB25:	MOV	A,M
FB26	FEEO		CPI	0E0H
FB28	3812		JRC	AFB3C
FB2A	D880		SUI	80H
FB2C	D7		RST	2
FB2D	3EEB		MVI	A,0EBH
FB2F	D7		RST	2
FB30	3E2F		MVI	A,02FH
FB32	D7		RST	2

FB33	3EF3		MVI	A, OF3H
FB35	D7		RST	Z
FB38	111300		LXI	D, 00013H
FB39	18		DAD	D
FB3A	18A4		JMPR	AFAE0
;				
FB3C	FEC0	AFB3C:	CPI	0C0H
FB3E	3807		JRC	AFB47
FB40	D680		SUI	60H
FB42	D7		RST	Z
FB43	3E24		MVI	A, 024H
FB45	181E		JMPR	AFB65
;				
FB47	FEA0	AFB47:	CPI	0A0H
FB49	3814		JRC	AFB5F
FB4B	D640		SUI	40H
FB4D	D7		RST	Z
FB4E	23	AFB4E:	INX	H
FB4F	7E		MOV	A, M
FB50	CB7F		BIT	7, A
FB52	2003		JRNZ	AFB57
FB54	D7		RST	Z
FB55	18F7		JMPR	AFB4E
;				
FB57	D680	AFB57:	SUI	60H
FB59	D7	AFB59:	RST	Z
FB5A	CD8818		CALL	X1888
FB5D	1881		JMPR	AFAE0
;				
FB5F	FE80	AFB5F:	CPI	60H
FB61	3812		JRC	AFB75
FB63	D620		SUI	20H
FB65	D7	AFB65:	RST	Z
FB66	3E28		MVI	A, 028H
FB68	D7		RST	Z
FB69	3E28		MVI	A, 028H
FB6B	D7	AFB6B:	RST	Z
FB6C	23		INX	H
FB6D	5E		MOV	E, M
FB6E	23		INX	H
FB6F	58		MOV	D, M
FB70	18		DAD	D
FB71	23		INX	H
FB72	CBEOFA		JMP	AFAE0
;				
FB75	FE80	AFB75:	CPI	60H
FB77	3802		JRC	AFB7B
FB79	18DE		JMPR	AFB59
;				
FB7B	CB20	AFB7B:	ADI	Z0H
FB7D	D7		RST	Z
FB7E	3E24		MVI	A, 024H
FB80	18E9		JMPR	AFB68
;				
FB82	FEEF	AFB82:	CPI	0EFH
FB84	C223FC		JNZ	AFC23
FB87	23		INX	H
FB88	CD75FD		CALL	AFD75
FB8B	CDE9FC		CALL	AFCES
FB8E	2157FF		LXI	H, OFF57H

FB91	CB86		RES	O,M
FB93	CD52FE		CALL	AFE52
FB96	AF		XRA	A
FB97	111100		LXI	D,00011H
FB9A	DD213BFF		LXI	X,DFF3B
FB9E	37		STC	
FB9F	CD5805		CALL	X0556
FBA2	D0		RNC	
FBA3	3A3BFF		LDA	DFF3B
FBA6	F5		PUSH	PSW
FBA7	FE00		CPI	0
FBA9	2004		JRNZ	AFBAF
FBAB	3E01		MVI	A,001H
FBAD	1812		JMPR	AFBC1
;				
FBAF	FE01	AFBAF:	CPI	1
FBB1	2004		JRNZ	AFBB7
FBB3	3E02		MVI	A,002H
FBB5	180A		JMPR	AFBC1
;				
FBB7	FE02	AFBB7:	CPI	2
FBB9	2004		JRNZ	AFBBF
FBBB	3E03		MVI	A,003H
FBBD	1802		JMPR	AFBC1
;				
FBBF	3E04	AFBBF:	MVI	A,004H
FBC1	11A108	AFBC1:	LXI	D,008A1H
FBC4	CD0A0C		CALL	X0C0A
FBC7	113CFF		LXI	D,TFF3C
FBCA	010A00		LXI	B,0000AH
FBCD	CD3C20		CALL	X203C
FBD0	11F4FE		LXI	D,TFEF4
FBD3	010B00		LXI	B,0000BH
FBD6	CD3C20		CALL	X203C
FBD9	ED4B46FF		LBCD	YFF46
FBD D	CD2B2D		CALL	X2D2B
FBE0	CDE32D		CALL	X2DE3
FBE3	1103FF		LXI	D,TFF03
FBE6	010700		LXI	B,00007H
FBE9	CD3C20		CALL	X203C
FBE C	F1		POP	PSW
FBED	A7		ANA	A
FBE E	F5		PUSH	PSW
FBEF	2011		JRNZ	AFC02
FBF1	3A48FF		LDA	YFF48
FBF4	FE80		CPI	80H
FBF6	200A		JRNZ	AFC02
FBFB	118113		LXI	D,013B1H
FBFB	3E02		MVI	A,002H
FBFD	CD0A0C		CALL	X0C0A
FC00	180D		JMPR	AFC0F
;				
FC02	ED4B48FF	AFC02:	LBCD	YFF48
FC06	CD2B2D		CALL	X2D2B
FC09	CDE32D		CALL	X2DE3
FC0C	F1		POP	PSW
FC0D	A7		ANA	A
FC0E	C0		RNZ	
FC0F	110AFF	AFC0F:	LXI	D,TFF0A
FC12	011200		LXI	B,00012H

FC15	CD3C20		CALL	X203C
FC18	ED4B4AFF		LBCD	YFF4A
FC1C	CD2B2D		CALL	X2D2B
FC1F	CDE32D		CALL	X2DE3
FC22	C9		RET	
;				
FC23	FED8	AFC23:	CPI	0DBH
FC25	2027		JRNZ	AFC4E
FC27	CD8EFD		CALL	AFD6E
FC2A	3A50FF		LDA	YFF50
FC2D	FE02		CPI	2
FC2F	D0		RNC	
FC30	F5		PUSH	PSW
FC31	CD52FE		CALL	AFE52
FC34	F1		POP	PSW
FC35	2157FF		LXI	H,OFF57H
FC38	A7		ANA	A
FC39	200E		JRNZ	AFC49
FC3B	CB8E		RES	1,M
FC3D	210000		LXI	H,0
FC40	22FCFE		SHLD	DFFFC
FC43	2201FF		SHLD	DFF01
FC46	C3E9FC		JMP	AFC69
;				
FC49	CBCE	AFC49:	SET	1,M
FC4B	C3E9FC		JMP	AFC69
;				
FC4E	FEE8	AFC4E:	CPI	0EBH
FC50	2022		JRNZ	AFC74
FC52	CD8EFD		CALL	AFD6E
FC55	3A50FF		LDA	YFF50
FC58	FE02		CPI	2
FC5A	D0		RNC	
FC5B	CD87FE		CALL	AF667
FC5E	2157FF		LXI	H,OFF57H
FC61	FE01		CPI	1
FC63	280A		JRZ	AFC6F
FC65	CB8E		RES	2,M
FC67	3E01		MVI	A,001H
FC68	32BC5C		STA	Y5C5C
FC6C	C3E9FC		JMP	AFC69
;				
FC6F	CBDE	AFC6F:	SET	2,M
FC71	C3E9FC		JMP	AFC69
;				
FC74	FEC1	AFC74:	CPI	0C1H
FC76	204F		JRNZ	AFCC7
FC78	CD60FD		CALL	AFD60
FC7B	ED4B50FF		LBCD	YFF50
FC7F	7B		MOV	A,B
FC80	B1		DRA	C
FC81	CB		RZ	
FC82	CD52FE		CALL	AFE52
FC85	ED5B4CFF		LDED	YFF4C
FC89	2A4EFF	AFC89:	LHLD	YFF4E
FC8C	ED4B50FF		LBCD	YFF50
FC90	D5		PUSH	D
FC91	1A	AFC91:	LDAX	D
FC92	DE		CMP	M
FC93	280C		JRZ	AFC91

FC95	D1		POP	D
FC96	13		INX	D
FC97	21FFFF		LXI	H,OFFFFH
FC9A	A7		ANA	A
FC9B	ED52		DSBC	D
FC9D	281D		JRZ	AFCBC
FC9F	18EB		JMPR	AFCBS
;				
FCA1	08	AFCA1:	DCX	B
FCA2	78		MOV	A,B
FCA3	B1		DRA	C
FCA4	2804		JRZ	AFCAA
FCA6	13		INX	D
FCA7	23		INX	H
FCA8	18E7		JMPR	AFCB1
;				
FCAA	010F00	AFCAA:	LXI	B,0000FH
FCAD	111CFF		LXI	D,TFF1C
FCB0	CD3C20		CALL	X203C
FCB3	C1		POP	B
FCB4	CD2B2D		CALL	X2D2B
FCB7	CDE32D		CALL	X2DE3
FCBA	182D		JMPR	AFCB9
;				
FCBC	011000	AFCBC:	LXI	B,00010H
FCBF	112BFF		LXI	D,TFF2B
FCC2	CD3C20		CALL	X203C
FCC5	1822		JMPR	AFCB9
;				
FCC7	FEE2	AFCC7:	CPI	0E2H
FCC9	C0		RNZ	
FCCA	CD8EFD		CALL	AFDBE
FCCD	3A50FF		LDA	YFF50
FCDD	FE02		CPI	2
FCDE	D0		RNC	
FCDF	CD67FE		CALL	AFE67
FCE0	2157FF		LXI	H,OFF57H
FCE1	FE01		CPI	1
FCE2	2804		JRZ	AFCCE1
FCE3	CB9E		RES	3,M
FCE4	180B		JMPR	AFCCE9
;				
FCE1	CBDE	AFCE1:	SET	3,M
FCE3	1804		JMPR	AFCCE9
;				
FCE5	CD67FE	AFCE5:	CALL	AFE67
FCE8	E1		POP	H
FCE9	2A595C	AFCE9:	LHLD	Y5C5B
FCEC	3EEA		MVI	A,0EAH
FCEE	77		MOV	M,A
FCEF	C9		RET	
;				
FCF0	1152FF	AFCF0:	LXI	D,OFF52H
FCF3	0808		MVI	B,008H
FCF5	0E00		MVI	C,0
FCF7	CD7BFD		CALL	AFD7B
FCFA	2801		JRZ	AFCFD
FCFC	23	AFCFC:	INX	H
FCFD	7E	AFCFD:	MOV	A,M
FCFE	FE30		CPI	30H

FD00	3B0D		JRC	AFD0F
FD02	FE3A		CPI	3AH
FD04	300B		JRNC	AFD0F
FD06	DB30		SUI	30H
FD08	12		STAX	D
FD09	13		INX	D
FD0A	0C		INR	C
FD0B	10EF		DJNZ	AFCFC
FD0D	1B40		JMPR	AFD4F
;				
FD0F	FE2C	AFD0F:	CPI	2CH
FD11	2B04		JRZ	AFD17
FD13	FE0D		CPI	0DH
FD15	203B		JRNZ	AFD4F
FD17	7B	AFD17:	MOV	A,C
FD18	FE00		CPI	0
FD1A	2B33		JRZ	AFD4F
FD1C	E5		PUSH	H
FD1D	EB		XCHG	
FD1E	2B		DCX	H
FD1F	E5		PUSH	H
FD20	6E		MOV	L,M
FD21	2B00		MVI	H,0
FD23	E3		XTHL	
FD24	0D		DCR	C
FD25	2B23		JRZ	AFD4A
FD27	110A00		LXI	D,0000AH
FD2A	CD88FD		CALL	AFD8B
FD2D	0D		DCR	C
FD2E	2B1A		JRZ	AFD4A
FD30	11B400		LXI	D,000B4H
FD33	CD88FD		CALL	AFD8B
FD36	0D		DCR	C
FD37	2B11		JRZ	AFD4A
FD39	11EB03		LXI	D,003E8H
FD3C	CD88FD		CALL	AFD8B
FD3F	0D		DCR	C
FD40	2B0B		JRZ	AFD4A
FD42	111027		LXI	D,02710H
FD45	CD88FD		CALL	AFD8B
FD48	3B03		JRC	AFD4D
FD4A	E1	AFD4A:	POP	H
FD4B	D1		POP	D
FD4C	C9		RET	
;				
FD4D	E1	AFD4D:	POP	H
FD4E	E1		POP	H
FD4F	E1	AFD4F:	POP	H
FD50	E1	AFD50:	POP	H
FD51	C9		RET	
;				
FD52	C5	AFD52:	PUSH	B
FD53	CD8E19		CALL	X198E
FD56	E3		XTHL	
FD57	CD8E19		CALL	X198E
FD5A	D1		POP	D
FD5B	EB		XCHG	
FD5C	CDE519		CALL	X19E5
FD5F	C9		RET	

FD80	CDFOFC	AFD80:	CALL	AFCF0
FD83	224CFF		SHLD	YFF4C
FD86	EB		XCHG	
FD87	CDFOFC	AFD87:	CALL	AFCF0
FD8A	224EFF		SHLD	YFF4E
FD8D	EB		XCHG	
FD8E	CDFOFC	AFD8E:	CALL	AFCF0
FD71	2250FF		SHLD	YFF50
FD74	EB		XCHG	
FD75	7E	AFD75:	MOV	A,M
FD76	FE0D		CPI	ODH
FD78	20DB		JRNZ	AFD50
FD7A	CB		RET	
		;		
FD7B	23	AFD7B:	INX	H
FD7C	7E		MOV	A,M
FD7D	FE30		CPI	30H
FD7F	28FA		JRZ	AFD7B
FD81	2B		DCX	H
FD82	FE2C		CPI	2CH
FD84	CB		RZ	
FD85	FE0D		CPI	ODH
FD87	CB		RET	
		;		
FD88	DDE1	AFD88:	POP	X
FD8A	2B		DCX	H
FD8B	E5		PUSH	H
FD8C	6E		MOV	L,M
FD8D	2600		MVI	H,0
FD8F	CDAB30		CALL	X30AB
FD92	D1		POP	D
FD93	EB		XCHG	
FD94	E3		XTHL	
FD95	19		DAD	D
FD96	38B7		JRC	AFD4F
FD98	E3		XTHL	
FD99	DDE5		PUSH	X
FD9B	CB		RET	
		;		
FD9C	F3	AFD9C:	DI	
FD9D	FDCB017E		BIT	7,001H(Y)
FDA1	2B21		JRZ	AFDC4
FDA3	FDCB015E		BIT	3,001H(Y)
FDA7	200B		JRNZ	AFDAF
FDA9	FDCB01BE		RES	7,001H(Y)
FDA D	1B15		JMPR	AFDC4
		;		
FDAF	2A455C	AFDAF:	LHLD	Y5C45
FDB2	11FEFF		LXI	D,OFFFEH
FDB5	A7		ANA	A
FDB6	ED52		DSBC	D
FDB8	2B0A		JRZ	AFDC4
FDBA	19		DAD	D
FDBB	22FCFE		SHLD	DFEFC
FDBE	3A475C		LDA	Y5C47
FDC1	3201FF		STA	DFF01
FDC4	21E0FE	AFDC4:	LXI	H,TFEEO
FDC7	111440		LXI	D,04014H
FDCA	0B05		MVI	B,005H
FDC C	7E	AFDCC:	MOV	A,M



FDCD	C5		PUSH	B
FDCE	CD21FE		CALL	AFE21
FDD1	C1		POP	B
FDD2	Z3		INX	H
FDD3	10F7		DJNZ	AFDCC
FDD5	ZAF0FE		LHLD	DFEFC
FDD8	01E803		LXI	B,003E8H
FDD8	CD18FE		CALL	AFE1B
FDDE	01G400		LXI	B,00084H
FDE1	CD18FE		CALL	AFE1B
FDE4	010A00		LXI	B,0000AH
FDE7	CD18FE		CALL	AFE1B
FDEA	010100		LXI	B,00001H
FDED	CD18FE		CALL	AFE1B
PDF0	Z1D03D		LXI	H,03DD0H
PDF3	CD2EFE		CALL	AFE2E
PDF6	ZA01FF		LHLD	DFF01
PDF9	010A00		LXI	B,0000AH
PDFC	CD18FE		CALL	AFE1B
PDFF	010100		LXI	B,00001H
FE02	CD18FE		CALL	AFE1B
FE05	FDCB017E		BIT	7,001H(Y)
FE08	C8		RZ	
FE0A	FDCB0C7E		BIT	7,00CH(Y)
FE0E	C0		RNZ	
FE0F	018888		LXI	B,08888H
FE12	08	AFE12:	DCX	B
FE13	78		MOV	A,B
FE14	B1		ORA	C
FE15	Z0FB		JRNZ	AFE12
FE17	C8		RET	
FE18	AF	AFE18:	XRA	A
FE19	C808	AFE19:	ADI	B
FE1B	A7		ANA	A
FE1C	ED42		DSBC	B
FE1E	Z0FB		JRNC	AFE1B
FE20	08		DAD	B
FE21	E5	AFE21:	PUSH	H
FE22	Z600		MVI	H,0
FE24	6F		MOV	L,A
FE25	01783D		LXI	B,03D78H
FE28	08		DAD	B
FE28	CD2EFE		CALL	AFE2E
FE2C	E1		POP	H
FE2D	C8		RET	
FE2E	D5	AFE2E:	PUSH	D
FE2F	0808		MVI	B,008H
FE31	7E	AFE31:	MOV	A,M
FE32	12		STAX	D
FE33	14		INR	D
FE34	Z3		INX	H
FE35	10FA		DJNZ	AFE31
FE37	D1		POP	D
FE38	1C		INR	E
FE39	C8		RET	
FE3A	3EFF	AFE3A:	MVI	A,OFFH
FE3C	Z28C5C		STA	Y5C8C

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FE3F  C8                      RET
;
FE40  CD541F  AFE40:  CALL  X1F54
FE43  DB                      RC
FE44  FDCB017E  BIT    7,001H(Y)
FE48  C8                      RZ
FE49  FDCB01BE  RES    7,001H(Y)
FE4D  ED7B3D5C  LSPD   Y5C3D
FE51  C8                      RET
;
FE52  CD8B0D  AFE52:  CALL  X0D88
FE55  3E02    MVI    A,002H
FE57  CD0116  CALL   X1601
FE5A  C8                      RET
;
FE5B  A7      AFE5B:  ANA    A
FE5C  ED42    DSBC   B
FE5E  44      MOV    B,H
FE5F  4D      MOV    C,L
FE60  CD2B2D  CALL   X2D2B
FE63  CDE32D  CALL   X2DE3
FE66  C8                      RET
;
FE67  F5      AFE67:  PUSH   PSW
FE68  FDCB3086  RES    0,030H(Y)
FE6C  CD8E0D  CALL   X0D8E
FE6F  3E02    MVI    A,002H
FE71  CD0116  CALL   X1601
FE74  F1      POP    PSW
FE75  C8                      RET
;
FE76  50      TFE76:  DB    'Program length:'
FE85  0D      TFE85:  DB    13,'Variables length:'
FE87  0D      TFE87:  DB    13,'Free memory:'
FEA4  0D      TFEA4:  DB    13,'Ramtop:'
FEAC  43      TFEAC:  DB    'Calculated jump:'
FEBC  0000    DFEBC:  DW    0
FEBE  50      TFEBE:  DB    'Press any key'
FECB  4C      TFECB:  DB    'Line address:'
FEDB  48      TFEDB:  DB    'Hex='
FEDC  44      TFEBC:  DB    'Dec='
FEE0  EB      TFEEO:  DB    0E8H
FEE1  D0      DB    0D0H
FEE2  FB      DB    0FBH
FEE3  B0      DB    0B0H
FEE4  58      DB    58H
FEE5  4C      TFEES:  DB    'List variables:'
FEF4  0D      TFEF4:  DB    13,'Length:'
FEFC  00      DB    0,0,0
FEFF  2BF8    UECT:  DW    AFB2B
FF01  0000    DFF01:  DW    0
FF03  0D      TFF03:  DB    13,'Start:'
FF0A  0D      TFF0A:  DB    13,'Length-variables:'
FF1C  53      TFF1C:  DB    'String address:'
FF2B  53      TFF2B:  DB    'String not found'
FF3B  30      DFF3B:  DB    '0'
FF3C  30      TFF3C:  DB    '00000000000'
;
END

```