

```

10:" 15.11.87
20:"
30:" -- BETRIEBS-SYSTEM --
40:"
50:" -- EPROM ER - 2716-32 -
60:"
70:" (c) J.KOERNER 1/86
80:"
90:"
100:"
110:" *****
120:" * BSYS - U.14 *
130:" *****
140:"
150:" START&1400, &16FF, &1700, &1FFF
160:"
170:"
180:" -----
190:" MACROS
200:"
210:"=LDX (N): LDA (N):STA XH:LDA
(N+1):STA XL
220:"=ILDY (N): LDA (N):STA YH:LDA
(N+1):STA YL
230:"=ILDU (N): BYTE &F4:WORD N
240:"=ISTX (N): LDA XH:STA (N):LDA
XL:STA (N+1)
250:"=ISTY (N): LDA YH:STA (N):LDA
YL:STA (N+1)
260:"=ISTU (N): PSH X:BYTE &F6:WORD
N:POP X
270:"=ILDY (28N): BYTE &CC, <N
280:"=ISTX (28N): BYTE &CA, <N
290:"=CURSOR N: N=6KN:LDI A, N:STA (
&2875)
300:"
310:"
320:" -----
330:" KONSTANTE
340:"
350:"CLS=&F2
360:"WAITU=&AC
370:"BREAK7=&A6
380:"ENDE=&FF
390:"INKEY=&D0
400:"INKEY=&E4C
410:"BINAR=&ED7D
420:"GETKEY=&E243
430:"PRLEN=&DFFA
440:"PRGEN=&DFOB
450:"DISPLAY=&32
460:"DISCHR=&ED4D
470:"BASIC=&42
480:"HEXADEC=&ED95
490:"REPE=&E669
500:"XREGCL=&EC
510:"CURSOR0=&ECB2
520:"CHR=&D9B1
530:"
540:"
550:" -----
560:" TEXT - FILES
570:"
580:"B=0
590:"TEXT #0123456789ABCDEF
600:"C=0
610:"TEXT #EPROM IN FASSUNG STECKEN
620:"D=0
630:"TEXT #EPROM CHECK !
640:"E=0
650:"TEXT #OK!
660:"F=0
670:"TEXT #EPROM AUS SOCKEL NEHMEN ,
680:"G=0
690:"TEXT #DANN SET DRUECKEN !
700:"Z=0
710:"TEXT ** EPROM-ER 2716/32 (c)JK
*
720:"H=0
730:"TEXT #& I R: & E: &
740:"
750:"
760:" O=&0000
770:"
780:"
790:"Y=O+&7FF:Y=O+&FFF
800:"
810:"
820:"
830:"
840:"
850:"BUSYON
860:"ORI (&764E), %00000001
870:"RTN
880:"
890:"
900:"
910:"
920:"
930:"BUSYOFF
940:"ANI (&764E), %11111111
950:"RTN
960:"
970:"
980:"
990:"
1000:"
1010:"RINIT
1020:"LDI A, 0
1030:"STA (&77F4)
1040:"STA (&77F5)
1050:"ANI (&77F6), %00000000
1060:"LDI A, &FF
1070:"RTN
1080:"
1090:"
1100:"
1110:"
1120:"
1130:"DEZHEX
1140:"REC
1150:"PSH X
1160:"LDI X, B
1170:"ADC XL
1180:"STA XL
1190:"LDI A, 0

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1200:"ADC XH
1210:"STA XH
1220:"LDA (X)
1230:"DISCHR
1240:"POP X
1250:"RTN
1260:"
1270:"
1280:" -----
1290:" FEHLERBEARBEITUNG
1300:"
1310:"M=0:TEXT #110
1320:"R=0:TEXT #150
1330:"
1340:"ERROR110
1350:"FEHLERUOR
1360:"LDI U, W
1370:"DISPLAY
1380:"BUSYOFF
1390:"ACH CL7
1400:"
1410:"ERROR150
1420:"FEHLERUOR
1430:"LDI U, R
1440:"DISPLAY
1450:"BUSYOFF
1460:"
1470:"CL7
1480:"INKEY
1490:"CPI A, &18; CL
1500:"IF # =
1510:"BUSYON
1520:"JMP FIN2
1530:"ENDIF
1540:"ACH CL7
1550:"
1560:"
1570:"
1580:" -----
1590:" ADRESSE
1600:"ADRESSE
1610:"PSH U
1620:"N=1:CURSOR N:
1630:"LDA UH
1640:"REC
1650:"LDI UL, 3
1660:"LOP5
1670:"SHR
1680:"LOP LOP5
1690:"DEZHEX
1700:"POP U
1710:"LDA UH
1720:"PSH U
1730:"REC
1740:"LDI UL, 3
1750:"LOP6
1760:"SHL
1770:"LOP LOP6
1780:"AEX
1790:"DEZHEX
1800:"POP U
1810:"LDA UL
1820:"REC
1830:"PSH U
1840:"LDI UL, 3
1850:"LOP7
1860:"SHR
1870:"LOP LOP7
1880:"DEZHEX
1890:"POP U
1900:"LDA UL
1910:"PSH U
1920:"REC
1930:"LDI UL, 3
1940:"LOP8
1950:"SHL
1960:"LOP LOP8
1970:"AEX
1980:"DEZHEX
1990:"POP U
2000:"RTN
2010:"
2020:"
2030:"
2040:"
2050:"
2060:"JKTXT
2070:"PSH X
2080:"CLS
2090:"CURSOR0
2100:"LDI A, 26
2110:"LDI U, 2
2120:"DISPLAY
2130:"LDI U, 150
2140:"WAITU
2150:"POP X
2160:"RTN
2170:"
2180:"
2190:"
2200:"
2210:"
2220:"EPREIN
2230:"
2240:"
2250:"
2260:"LDI UL, 15
2270:"LDI A, 0
2280:"LDI Y, &7F0
2290:"LOP2
2300:"SIN Y
2310:"LOP LOP2
2320:"LDA XH
2330:"AEX
2340:"LDI UL, 3
2350:"LOP1
2360:"SHR
2370:"LOP LOP1
2380:"REC
2390:"STA (&77F0)
2400:"LDA XL
2410:"STA (&77F1)
2420:"
2430:"EPREINCOF
2440:"
2450:"CURSOR0
2460:"LDI A, 26
2470:"LDI U, C
2480:"DISPLAY
2490:"LDI U, 100
2500:"WAITU
2510:"CLS
2520:"CURSOR0

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2530:"LDI A, 19
2540:"LDI U, 6
2550:"DISPLAY
2560:"HLT ; CPU STOP
2570:"CLS
2580:"RTN
2590:"
2600:"
2610:" -----
2620:" R STELLE
2630:"
2640:"RSTELLE
2650:"PSH A
2660:"PSH U
2670:"LDI UL, 3
2680:"LOP9
2690:"SHR
2700:"LOP LOP9
2710:"REC
2720:"PSH X
2730:"LDI X, B
2740:"ADC XL
2750:"STA XL
2760:"LDI A, 0
2770:"ADC XH
2780:"STA XH
2790:"LDA (X)
2800:"STA (&77FE)
2810:"DISCHR
2820:"POP X
2830:"POP U
2840:"POP A
2850:"REC
2860:"PSH A
2870:"PSH U
2880:"LDI UL, 3
2890:"LOP10
2900:"SHL
2910:"LOP LOP10
2920:"AEX
2930:"REC
2940:"PSH X
2950:"LDI X, B
2960:"ADC XL
2970:"STA XL
2980:"LDI A, 0
2990:"ADC XH
3000:"STA XH
3010:"LDA (X)
3020:"STA (&77FF)
3030:"DISCHR
3040:"POP X
3050:"POP U
3060:"N=16:CURSOR N:
3070:"POP A
3080:"RTN
3090:"
3100:"
3110:"
3120:" -----
3130:" R+E STELLE
3140:"RSTELLE
3150:"PSH A
3160:"N=12:CURSOR N:
3170:"POP A
3180:"RSTELLE
3190:"N=23:CURSOR N:
3200:"LDA (Y)
3210:"RSTELLE
3220:"DISCHR
3230:"RTN
3240:"
3250:"
3260:"
3270:" -----
3280:" Y-U-REG LOAD
3290:"
3300:"VULOAD
3310:"LDI Y, 0
3320:"LDA (&77F1)
3330:"ADC YL
3340:"STA (&77F3)
3350:"LDA (&77F0)
3360:"ADC YH
3370:"STA (&77F2)
3380:"SEC
3390:"ORI (&77F7), %11111111
3400:"N=&77F0:LDU (N):REL.ERP.AD
3410:"N=&77F2:LDY (N):ABS.ERP.AD
3420:"RTN
3430:"
3440:"
3450:"
3460:"
3470:"
3480:"YUUP
3490:"REC
3500:"LDA (&77F1)
3510:"ADI A, 1
3520:"STA (&77F1)
3530:"LDA (&77F0)
3540:"ADI A, 0
3550:"STA (&77F0)
3560:"RTN
3570:"
3580:"
3590:"
3600:" -----
3610:" DISPLAY LOESCH
3620:"DISLOESCH
3630:"N=13:CURSOR N:
3640:"PSH U
3650:"LDI A, 0
3660:"DISCHR
3670:"DISCHR
3680:"DISCHR
3690:"POP U
3700:"RTN
3710:"
3720:"
3730:"
3740:" -----
3750:" BREAK
3760:"BREAK
3770:"BREAK?
3780:"IF # < >
3790:"ANI # (&F00B), %00000000
3800:"POP Y
3810:"BUSYON
3820:"PSH X
3830:"JMP EINSPR
3840:"ENDIF
3850:"RTN

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3860:"
3870:"
3880:"
3890:"
3900:"
3910:"CURSDEC
3920:"LDA (&2F5)
3930:"SBI A,6
3940:"STA (&2F5)
3950:"RTN
3960:"
3970:"
3980:"
3990:"
4000:"
4010:"DISCURS
4020:"DISCHR
4030:"LDI A,&5F
4040:"DISCHR
4050:"RTN
4060:"
4070:"
4080:"
4090:"
4100:"
4110:"FEHLERVOR
4120:"CLS
4130:"N=1:CURSOR N:
4140:"LDI A,7
4150:"LDI U,&C365
4160:"DISPLAY
4170:"N=7:CURSOR N:
4180:"LDI A,3
4190:"RTN
4200:"
4210:"
4220:"
4230:"
4240:"
4250:"VERSCHIEB
4260:"INC Y
4270:"LDA (Y)
4280:"INC Y
4290:"STA (Y)
4300:"DEC Y
4310:"DEC Y
4320:"LDA (Y)
4330:"INC Y
4340:"STA (Y)
4350:"DEC Y
4360:"RTN
4370:"
4380:"
4390:"
4400:"
4410:"
4420:"
4430:"P
4440:"INIT
4450:"CLS
4460:"N=&67:LDX (78N):
4470:"PRGEND
4480:"MARKE2
4490:"INC X
4500:"LDI A,&FF
4510:"STA (X)
4520:"LOP MARKE2
4530:"DEC UH
4540:"BCS MARKE2
4550:"BASIC
4560:"
4570:"
4580:"
4590:"
4600:"
4610:"A
4620:"DUPLI
4630:"
4640:"
4650:"
4660:"JKINT
4670:"PSH X
4680:"EPRIN
4690:"CURSOR0
4700:"LDI A,13
4710:"LDI U,D
4720:"DISPLAY
4730:"LDI U,64
4740:"WAITU
4750:"
4760:"
4770:"
4780:"LDI Y,0
4790:"LDA (&2F1)
4800:"ADC YL
4810:"STA (&2F3)
4820:"LDA (&2F0)
4830:"ADC YH
4840:"STA (&2F2)
4850:"
4860:"
4870:"
4880:"
4890:"
4900:"N=&2F2:LDY (N):
4910:"POP X
4920:"PSH X
4930:"PSH Y
4940:"HA2
4950:"LDA (X)
4960:"CPI A,&FF
4970:"IF # <
4980:"INC X
4990:"INC Y
5000:"RCH HA2
5010:"ELSE #
5020:"INC X
5030:"INC Y
5040:"LDA (X)
5050:"CPI A,&FF
5060:"IF # =
5070:"INC X
5080:"LDA (X)
5090:"CPI A,&FF
5100:"IF # =
5110:"DEC Y
5120:"N=&2F4:ISTY (N):
5130:"POP Y
5140:"POP X
5150:"PSH X
5160:"RCH LOP3
5170:"ENDIF
5180:"ENDIF
5190:"ENDIF
5200:"RCH HA2

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5210:"
5220:"LOP3
5230:"LIN Y
5240:"INC X
5250:"CPI A,&FF
5260:"IF # <
5270:"LDA (X)
5280:"CPI A,&FF
5290:"IF # <
5300:"ERROR110
5310:"ELSE #
5320:"RCH OK1
5330:"ENDIF
5340:"ENDIF
5350:"
5360:"LDA (&2F4)
5370:"CPA YH
5380:"IF # <
5390:"RCH LOP3
5400:"ELSE #
5410:"LDA (&2F5)
5420:"CPA YL
5430:"IF # <
5440:"RCH LOP3
5450:"ELSE #
5460:"RCH OK1
5470:"ENDIF
5480:"ENDIF
5490:"RTN
5500:"
5510:"OK1
5520:"CLS
5530:"CURSOR0
5540:"SPU; 25 U EIN
5550:"LDI A,3
5560:"LDI U,E
5570:"DISPLAY
5580:"LDI U,64
5590:"WAITU
5600:"SEC
5610:"CURSOR0
5620:"LDI A,23
5630:"LDI U,H
5640:"DISPLAY
5650:"N=&2F0:LDU (N):
5660:"N=&2F2:LDY (N):
5670:"POP X
5680:"
5690:"MARKE6
5700:"
5710:"
5720:"
5730:"
5740:"
5750:"ADRESSE
5760:"N=12:CURSOR N:
5770:"LDA (X)
5780:"RSTELLE
5790:"PSH U
5800:"PSH X
5810:"PSH A
5820:"DISCHR
5830:"N=23:CURSOR N:
5840:"POP A
5850:"
5860:"STA (Y)
5870:"STA (&2F0)
5880:"LDA (Y)
5890:"CPA (&2F0)
5900:"IF # =
5910:"LDA (&2F0)
5920:"DISCHR
5930:"LDA (&2FF)
5940:"DISCHR
5950:"ELSE #
5960:"RPU; 25 U AUS
5970:"ERROR150
5980:"ENDIF
5990:"POP X
6000:"PSH X
6010:"LDA (X)
6020:"CPI A,&FF
6030:"IF # =
6040:"INC X
6050:"LDA (X)
6060:"CPI A,&FF
6070:"IF # =
6080:"INC X
6090:"LDA (X)
6100:"CPI A,&FF
6110:"IF # =
6120:"RCH FIN
6130:"ENDIF
6140:"ENDIF
6150:"ENDIF
6160:"POP X
6170:"POP U
6180:"INC X
6190:"INC Y
6200:"INC U
6210:"
6220:"LDA (&2F0)
6230:"CPI A,&L
6240:"IF # =
6250:"PSH U
6260:"LDI U,8
6270:"WAITU
6280:"POP U
6290:"ENDIF
6300:"
6310:"BREAK?
6320:"IF # <
6330:"ORI (&2FA),%11111111
6340:"ENDIF
6350:"PSH X
6360:"PSH X
6370:"PSH Y
6380:"LDA (&2FA)
6390:"CPI A,&FF
6400:"IF # =
6410:"ANI (&2FA),%00000000
6420:"BUSYOFF
6430:"MKK:GETKEY
6440:"CPI A,&18;CL
6450:"IF # =
6460:"RPU; 25 U AUS
6470:"POP Y
6480:"POP X
6490:"POP U
6500:"SEC
6510:"BUSYON
6520:"RCH FIN
6530:"ELSE #
6540:"CPI A,ENTER

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6550:" IF # =
6560:" BUSYON
6570:" RCH MKK
6580:" ELSE #
6590:" CPI A,&A;
6600:" IF # =
6610:" ORI (&2FA),%11111111
6620:" BUSYON
6630:" RCH MKK
6640:" ENDF
6650:" ENDF
6660:" ENDF
6670:"ANI (&F00B),%00000000
6680:"RCH MKK
6690:"ENDIF
6700:"
6710:"MKK
6720:"INKEY
6730:"CPI A,&L ; LANGSAM
6740:"IF # =
6750:" STA (&2FC)
6760:"ENDIF
6770:"CPI A,&S ; SCHNELL
6780:"IF # =
6790:" STA (&2FC)
6800:"ENDIF
6810:"POP Y
6820:"POP X
6830:"POP U
6840:"LDA (&2F4)
6850:"CPA YH
6860:"IF # <
6870:"JMP MARKE6
6880:"ELSE #
6890:"LDA (&2F5)
6900:"CPA YL
6910:"IF # <
6920:"JMP MARKE6
6930:"ELSE #
6940:"RCH FIN
6950:"ENDIF
6960:"ENDIF
6970:"
6980:"ENDE VORBEREITEN
6990:"
7000:"FIN
7010:"RPU; 25 U AUS
7020:"CLS
7030:"CURSOR0
7040:"LDI A,3
7050:"LDI U,E
7060:"DISPLAY
7070:"LDI U,100
7080:"WAITU
7090:"
7100:"FIN2
7110:"CLS
7120:"CURSOR0
7130:"LDI A,25
7140:"LDI U,F
7150:"DISPLAY
7160:"LDI U,100
7170:"WAITU
7180:"CLS
7190:"CURSOR0
7200:"LDI A,19
7210:"LDI U,6
7220:"DISPLAY
7230:"HLT ; CPU STOP
7240:"BASIC
7250:"
7260:"
7270:"COPY1; * EFROM 2732 *
7280:"
7290:"
7300:"J
7310:"LDI A,X
7320:"RCH HA1
7330:"
7340:"
7350:"COPY0; * EFROM 2716 *
7360:"
7370:"
7380:"L
7390:"LDI A,Y
7400:"HA1
7410:"STA (&2FF)
7420:"PSH X
7430:"EPRINCOF
7440:"POP X
7450:"LDI Y,0
7460:"HA
7470:"LIN Y
7480:"SIN X
7490:"LDA (&2FF)
7500:"CPA YH
7510:"IF # <
7520:"RCH MA
7530:"ELSE #
7540:"LDI A,&FF
7550:"CPA YL
7560:"IF # <
7570:"RCH MA
7580:"ELSE #
7590:"RCH READY
7600:"ENDIF
7610:"ENDIF
7620:"READY
7630:"RCH FIN
7640:"
7650:"
7660:"
7670:"
7680:"
7690:"K
7700:"PROGRAM
7710:"JKINT
7720:"PSH X
7730:"EPRIN
7740:"EINSFR
7750:"YULOAD
7760:"CURSOR0
7770:"PSH U
7780:"LDI A,23
7790:"LDI U,H
7800:"DISPLAY
7810:"POP U
7820:"POP X
7830:"ADRESSE
7840:"BUSYOFF
7850:"RINIT
7860:"
7870:"
7880:"
7890:"

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7900:"
7910:"SCHLEIFE
7920:"RESTELLE
7930:"GETKEY
7940:"BINAER
7950:"ACS INVERT
7960:"
7970:"STRICH
7980:"CPI A, &
7990:"IF # =
8000:" JMP DEZEIN
8010:"ENDIF
8020:"CPI A, &
8030:"IF # =
8040:" JMP ASCII
8050:"ENDIF
8060:"CPI A, &A ; HOCHZAEHLEN
8070:"IF # =
8080:" .BUSYON
8090:" BEGIN
8100:" LDI U, 8
8110:" .WAITU
8120:" .YUUP
8130:" .YUUP
8140:" .ADRESSE
8150:" LDI A, &FF
8160:" .RESTELLE
8170:" .INKEY
8180:" CPI A, &A
8190:" UNTIL <
8200:" PSH X
8210:" JMP EINSFR
8220:"ENDIF
8230:"CPI A, &B ; RUNTERZAEHLEN
8240:"IF # =
8250:" .BUSYON
8260:" BEGIN
8270:" LDI U, 8
8280:" .WAITU
8290:" SEC
8300:" LDA (&7F1)
8310:" SBI A, 1
8320:" STA (&7F1)
8330:" LDA (&7F0)
8340:" SBI A, 2
8350:" STA (&7F0)
8360:" .YUUP
8370:" .ADRESSE
8380:" LDI A, &FF
8390:" .RESTELLE
8400:" .INKEY
8410:" CPI A, &B
8420:" UNTIL <
8430:" PSH X
8440:" JMP EINSFR
8450:"ENDIF
8460:"CPI A, ENTER
8470:"IF # =
8480:" JMP PROG
8490:"ENDIF
8500:"CPI A, &M
8510:"IF # =
8520:" BCH NEUADR
8530:"ENDIF
8540:" .BREAK?
8550:"IF # <
8560:" ANI # (&F000), %00000000
8570:" .BUSYON
8580:" JMP FIN
8590:"ENDIF
8600:" .RINIT
8610:"BCH SCHLEIFE
8620:"
8630:"INVERT
8640:"PSH A
8650:"LDA (&7F6)
8660:"EAI &FF
8670:"STA (&7F6)
8680:"CPI A, 0
8690:"IF # =
8700:" POP A
8710:" STA (&7F4)
8720:"ELSE #
8730:" POP A
8740:" AEX
8750:" STA (&7F5)
8760:"ENDIF
8770:"REC
8780:"LDA (&7F4)
8790:"ADC (&7F5)
8800:"STA (&7F7)
8810:"BCH SCHLEIFE
8820:"
8830:"
8840:"
8850:"
8860:"
8870:"NEUADR
8880:" .CLS
8890:" .CURSOR0
8900:"LDI A, &M
8910:" .DISCHR
8920:"LDI A, &=
8930:" .DISCHR
8940:"LDI A, &SF
8950:" .DISCHR
8960:"PSH Y
8970:"LDI Y, &7B00
8980:"
8990:"SCHLEI3
9000:"GETKEY
9010:"CPI A, ENTER
9020:"IF # =
9030:" LDA YL
9040:" SBI A, &B0
9050:" CPI A, 5 ;MEHR ZEICHEN ALS 4
9060:" IF # >=
9070:" POP Y
9080:" BCH NEUADR
9090:" ENDF
9100:" LDI Y, &7B00
9110:" PSH U
9120:" LDI UL, 3
9130:"M2
9140:" LDA (Y)
9150:" .BINAER
9160:" ACS MU
9170:" BCH NEUADR
9180:"
9190:" MU
9200:" INC Y
9210:" LOP M2
9220:" POP U
9230:" LDI X, &7B00
9240:" .HEXADEC
9250:" STA YH

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9260:" .HEXADEC
9270:" STA YL
9280:" PSH Y
9290:" POP X
9300:" POP Y
9310:" N=&7F0:1STX (N)
9320:" .BUSYON
9330:" PSH X
9340:" JMP EINSFR
9350:"ENDIF
9360:"CPI A, &18 ; CL
9370:"IF # =
9380:" BCH NEUADR
9390:"ENDIF
9400:" .BREAK
9410:"CPI A, &20 ; NUR ASCII-ZEICHEN
9420:"IF # <
9430:" BCH SCHLEI3
9440:"ENDIF
9450:"SIN Y
9460:"PSH A
9470:" .CURSDEC
9480:"CPI A, &3B ; 155
9490:"IF # >=
9500:" POP Y
9510:" BCH NEUADR
9520:"ENDIF
9530:"POP A
9540:" .DISCURS
9550:"
9560:"BCH SCHLEI3
9570:"
9580:"
9590:"
9600:"
9610:"
9620:"PROG
9630:" .BUSYON
9640:"SPU ; 25 U EIN
9650:"SPU U
9660:"LDI U, 32
9670:" .WAITU
9680:"POP U
9690:"LDA (&7F7)
9700:"STA (Y)
9710:"STA (&7F0)
9720:"RPU ; 25 U AUS
9730:"LDA (Y)
9740:"CPI A, &7FD)
9750:"IF # <
9760:" PSH U
9770:" .BEEP
9780:" POP U
9790:"ENDIF
9800:"PSH X
9810:" .YUUP
9820:"ANI (&7F0), %00000000
9830:"JMP EINSFR
9840:"
9850:"
9860:"
9870:"
9880:"
9890:"ASCII
9900:"PSH A
9910:" .DISLOESCH
9920:"N=11:CURSOR N!
9930:"POP A
9940:" .DISCURS
9950:"GETKEY
9960:"STA (&7F7)
9970:"PSH A
9980:" .CURSDEC
9990:"POP A
10000:" .DISCHR
10010:"GETKEY
10020:"CPI A, ENTER
10030:"IF # =
10040:" BCH PROG
10050:"ENDIF
10060:" .BUSYON
10070:"PSH X
10080:"JMP EINSFR
10090:"
10100:"
10110:"
10120:"
10130:"
10140:"DEZEIN
10150:"PSH A
10160:" .DISLOESCH
10170:"N=11:CURSOR N!
10180:"POP A
10190:" .DISCHR
10200:"LDI A, &SF
10210:" .DISCHR
10220:"PSH Y
10230:"LDI Y, &7FA
10240:"
10250:"SCHLEI4
10260:"GETKEY
10270:"CPI A, ENTER
10280:"IF # =
10290:" LDI Y, &7FA
10300:" PSH U
10310:" LDI A, 3
10320:" SEC
10330:" SAC (&7F0)
10340:" CPI A, 0
10350:" IF # =
10360:" BCH MNH
10370:" ENDF
10380:" DEC A
10390:" STA UL
10400:"
10410:"NNN
10420:" .VERSCHIEB
10430:" ANI (&7FA), &30
10440:" LOP NNN
10450:"
10460:"MNH
10470:" LDI UL, 2
10480:" LDI X, &FFFF
10490:"
10500:"MP
10510:" LDA (Y)
10520:" .BINAER
10530:" ACS VYY
10540:" BCH XXX
10550:"
10560:"VYY
10570:" CPI A, &A ; 9
10580:" IF # >=
10590:"XXX
10600:" POP U
10610:" POP Y

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10620:" BCH MD
10630:" ELSE #
10640:" STA (Y)
10650:" INC X
10660:" INC Y
10670:" LOP MP
10680:" ENDF
10690:" POP U
10700:" PSH X
10710:" .KREGCL
10720:" POP X
10730:" LDA XL
10740:" STA (&7A00)
10750:"
10760:" LDA (&7FA)
10770:" AEX
10780:" STA (&7FA)
10790:" LDA (&7FC)
10800:" AEX
10810:" STA (&7A03)
10820:" REC
10830:" LDI X, &7FA
10840:" LDA (&7FA)
10850:" DCA (X)
10860:" STA (&7A02)
10870:" ANI (&804), %00010000
10880:" .CHR$
10890:" CPI UH, 0
10900:" IF # <
10910:" POP Y
10920:" BCH MD
10930:" ENDF
10940:" LDA (&7A07)
10950:" CPI A, 0
10960:" IF # =
10970:" BCH MR
10980:" ENDF
10990:" LDA (&7B10)
11000:"MR
11010:" STA (&7F7)
11020:" POP Y
11030:" JMP PROG
11040:"ENDIF
11050:"CPI A, &18 ; CL
11060:"IF # =
11070:" BCH MD
11080:"ENDIF
11090:" .BREAK
11100:"CPI A, &20
11110:"IF # <
11120:" BCH SCHLEI4
11130:"ENDIF
11140:"SIN Y
11150:"PSH A
11160:" .CURSDEC
11170:"CPI A, &5A
11180:"IF # >=
11190:" POP A
11200:" POP Y
11210:" .DISLOESCH
11220:"MD
11230:" ANI (&7F0), %00000000
11240:" LDI A, &
11250:" BCH DEZEIN
11260:"ENDIF
11270:"POP A
11280:" .DISCURS
11290:"
11300:"LDA (&7F8)
11310:"INC A
11320:"STA (&7F8)
11330:"
11340:"BCH SCHLEI4
11350:"
11360:"Q
11370:"
11380:"END
11390:" :PRINT 2048-(0-B+&B8)
11400:REM &B08

```