

Listing 1

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2 MODE 1
10 INK 0,24:INK 1,6:INK 2,26:INK 3,0:PAP
ER 2:PEN 1:ZONE 13
30 LOCATE 1,3:PRINT "    P U Z Z L E    I
   S    L O A D I N G    "
40 PRINT:PRINT,"(C) 1985 by"
50 PRINT:PRINT,"Andreas Zellmann",,"Eule
nweg 5",,, "4923 Extertal 1",, "Tel.:05262
/2256"
60 LOCATE 14,20:PRINT "BITTE WARTEN"
100 MEMORY 24000 : LOAD "puzzlemc",30000
   : LOAD "puzzlegc",26000
130 FOR i=25000 TO 25024 : POKE i,i-2500
0 : POKE i+100,i-25000 : NEXT
200 spieler=&75AC:computer=&7530:original
=&7451:progrinal=&7650:mprint=&7468
250 anzahl=25031:XP=25028:YP=25029:flag=
25032:alt rnd=25025:alth1=25026
350 POKE alth1,0:POKE alth1+1,0:POKE alt
rnd,INT(RND*255)
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400 PAPER 2:PEN 1:CLS:INPUT "Level (1=Ei
nfach, 255=schwer) "lev:IF lev>255 OR l
ev<1 THEN 400
410 POKE anzahl,lev:ZUG=0:GOSUB 10000
510 LOCATE 1,24:PRINT " DER CPC VERSCHIE
BT NUN DIE PUZZLETEILE "
520 CALL COMPUTER
530 LOCATE 1,24:PRINT "
.
600 LOCATE 8,4:PAPER 0:PEN 3:PRINT LEV:L
OCATE 21,4:PRINT ZUG
700 b$="":b=1:PAPER 3:LOCATE 17,22:PRINT
.
1000 PAPER 0:PEN 3::LOCATE 17,22:PRINT b
$
1010 i$=INKEY$:IF i$="" THEN 1010 ELSE i
$=LOWER$(i$)
1020 IF i$="q" THEN CALL prorginal:WHILE
INKEY(34)<>-1:WEND:CALL mprint
1025 IF i$="q" THEN 130 ELSE IF i$="a" T
HEN 2000 ELSE IF i$="l" THEN 3000
1050 IF (i$<"l" OR i$>"5") AND (i$<"a" O
R i$>"e") THEN 1000
1060 b$=b$+i$:b=b+1:IF b=3 THEN PAPER 0:
PEN 3:LOCATE 17,22:PRINT b$:GOTO 1500
1070 GOTO 1000
1500 IF LEN (b$)<>2 THEN GOSUB 12000:GOT
O 600
1510 IF LEFT$(b$,1)<"a" OR LEFT$(b$,1)>"
e" THEN GOSUB 12000:GOTO 600
1520 IF MID$(b$,2,2)<"l" OR MID$(b$,2,2)
>"5" THEN GOSUB 12000:GOTO 600
1530 POKE YP,(ASC(LEFT$(b$,1))-ASC ("a")
):POKE XP,(ASC(MID$(b$,2,1))-ASC ("l"))
1540 CALL spieler:f1=PEEK (flag)
1550 IF f1=0 THEN GOSUB 12000:GOTO 600
1551 zug=zug+1
1560 IF f1=255 THEN 5000 ELSE GOTO 600
2000 REM Save
2010 CLS:PRINT:INPUT "Name : "n$:IF LEN
(n$)>8 OR n$="" THEN 2010
2030 OPENDOUT n$+".puz"
2040 FOR i=25000 TO 25024:PRINT #9,PEEK(
i):NEXT:PRINT #9,lev,zug
2050 CLOSEOUT:GOSUB 10000
2060 GOTO 600
3000 REM load
3010 CLS:PRINT:INPUT "Name : "n$:IF LEN
(n$)>8 OR n$="" THEN 3010
3030 OPENIN n$+".puz"
3040 FOR i=25000 TO 25024:INPUT #9,a:POK
E i,a:NEXT:INPUT #9,lev,zug
3050 CLOSEIN:GOSUB 10000:GOTO 600
5000 REM AUSWERTUNG
5010 PAPER 3:PEN 2:BORDER 0:CLS:LOCATE 1
4,1:PRINT "GRATULATION!"
5020 :PRINT:PRINT:PRINT:PRINT "Sie haben
das Puzzle in "izugl"Zuegen":PRINT "wie
der richtig positioniert."
5030 LOCATE 1,12:IF lev<4 THEN PRINT "Da
s war ja nun nicht besonders sc
hwierig. Versuchen Sie es auf einem ho
eheren Level.":GOTO 7000

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5040 IF lev<10 THEN PRINT "Innerhin! Mit
    etwas Erfahrung koennen Sie noch schw-
    leriigere Puzzles loesen.":GOTO 7000
5050 IF lev<15 THEN PRINT "Sie sind scho-
    n sehr gut. Vielleicht war noch etwas Gl-
    ueck dabei, aber Sie koen- nen sich sich-
    er steigern":GOTO 7000
5060 IF lev>100 THEN PRINT "Sie sind ein
    absoluter Meister. Sie ver- stehen es st-
    reng logisch und mathe- matisch Prob-
    leme anzugehen. Beein- druckend !":
GOTO 7000
5070 IF lev<25 THEN PRINT "Sie verstehen
    schon erste Regeln zu ent- wickeln, um d-
    ie Teile wieder richtig zu stellen. Das
    ist schon sehr gut.":GOTO 7000
5080 IF lev<50 THEN PRINT "Sie sind auf
    dem Weg ein solches Puzzle in JEDER Posi-
    tion zu loesen. Sie koennenstolz sein. P-
    robieren Sie weiter.":GOTO 7000
7000 PRINT:INPUT "Noch ein Spiel (j/n)":I
a$:IF a$="n" THEN STOP ELSE BORDER 26:GO
TO 130
10000 PEN 3:PAPER 2:CLS:PAPER 3:PEN 0:PR
INT " PUZZLE - (C) 1985 by Andreas Zallm-
ann. "
10001 BORDER 26
10010 PEN 3:PAPER 2:PRINT:PRINT " LEVEL:
":PAPER 0:PRINT " ":PAPER 2:PRINT "
    ZUEGE:":PAPER 0:PRINT " "
10020 PAPER 0:PEN 3:LOCATE 20,8:PRINT "
    1 2 3 4 5 ":LOCATE 20,19:PRINT " 1 2 3
    4 5 ":FOR I=8 TO 19:LOCATE 20,I:PRINT "
    ":LOCATE 31,I:PRINT " ":NEXT
10030 FOR I=1 TO 5:LOCATE 20,I+2+0:PRINT
    CHR$(I+64):LOCATE 31,I+2+8:PRINT CHR$(I
    +64):NEXT
10040 PAPER 3:PEN 0:RESTORE 10100:FOR I=
    1 TO 6:READ A$:LOCATE 2,I+10:PRINT A$:NE
    XT
10100 DATA " " " S - SAVE
    " L - LOAD " Q - QUIT " O -
    ORIGINAL " "
10200 PAPER 2:PEN 3:LOCATE 10,22:PRINT "
    DEFCHL:":PAPER 0:PRINT " ":PAPER 2:PRI
    NT " ?"
10300 CALL MPRINT:RETURN
12000 LOCATE 10,24:PAPER 3:PEN 1:PRINT "
    Fehlerhafte Eingabe."
12010 WHILE INKEY$="":WEND:LOCATE 10,24:
    PAPER 2:PRINT " ":RET
URN

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Listing 2

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10 ' Listing 2 - Maschinenprogramm
20 '
30 MEMORY 25000
40 RESTORE:p=30000
50 FOR i=10000 TO 10070 STEP 10
60 READ a$,tot
70 IF LEN (a$)<>128 THEN f=1:GOTO 5000
80 c=0:a$=LOWER$(a$)

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50 FOR i=10000 TO 10240 STEP 10
60 READ a$,tot
70 IF LEN (a$)<>128 THEN i=-1:GOTO 5000
80 c=0:a$=LOWER$(a$)
90 FOR t=1 TO LEN (a$) STEP 2
100 hi$=MID$(a$,t,1)
110 lo$=MID$(a$,t+1,1)
120 IF hi$>"f" OR hi$<"0" OR (hi$)"9" AN
D hi$("a") OR lo$>"f" OR lo$<"0" OR (lo$
)"9" AND lo$("a") THEN i=2:GOTO 5000
130 IF hi$>"9" THEN q=16*(ASC(hi$)-ASC("
a")+10) ELSE q=16*(ASC(hi$)-ASC("
0"))
140 IF lo$>"9" THEN q=q+ASC(lo$)-ASC("a"
)+10 ELSE q=q+ASC(lo$)-ASC("0"
)
150 c=c+q:POKE p,q:p=p+1
160 NEXT t:IF tot (<) c THEN i=3:GOTO 500
0
170 PRINT ii" OK."
180 NEXT i
190 SAVE "puzzleg",b,26000,1600
200 STOP
5000 IF i=-1 THEN PRINT "DATA zu lang ode
r zu kurz in"ii ELSE IF i=2 THEN PRINT "
Keine Hexzahl in"ii ELSE PRINT "Pruefsu
me stimmt nicht in"ii
5010 STOP
10000 DATA"FFFFFFFFFFFF8FDFFDFFF7F5FDFFF7F
DFFDFFF7FDFFDFFF6F4F1FFF7F5FDFFF7F5FDFFF8F
DFFDFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFF", 16190
10010 DATA"FFFFFFFF8FEF3F0F7F5FDFFDF7F5F
FFDF7F5FFFDF7F6F3FDFF7F7FDFFDF7F5FDFFDF8FCF
3FDFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
F1FFFFFFFFCFFFFFFFFF", 15854
10020 DATA"FFFFFFFF4F3F7F6FDFDF7F5FDFFDF
7F5FDFFDF7F5FCF3F7F6FDFFDF7F7FDFFDF7F5FCF3F
BFCFFFFFFFFFFFFFFFFFFFFEFOFFFFFF8F0F7FFF0FOFF
FFFOFOFOFO7FBFOFOFO3F", 13267
10030 DATA"FFFFFFFF3F0F4F1FDFFDFDFFDFFFDF
DFFFFFFDFFDFFF3FDFFCF3FDFFDFDFFFDFDFDFDF3FD
CF1FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFF", 16178
10040 DATA"FFFFFFFF0FEF3FFF7F5FDFFF7F5F
FFFF7F5FFFFFFOFEF3FFF5FFFDFFF6FDFFDFFF7F4F
3FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFF", 16152
10050 DATA"FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFCFFFFFFF8FFFFF
FFOFFFFFFEFOFFFFFEFO", 16262
10060 DATA"FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FF8FFFFFCFOFFFFFFFOFOFF8FOFOFEFOFOFOFOCFOF
OFOFOFOFOFOFOFOFOFOFOFOFOFOFOFOFOFOFOFOFO
FOFOFOFOFOFO7FOFOFO3FF", 15739
10070 DATA"EF8FOFOFFF0FBF6FFF1FOF1FF12FO
F4FF10FBF2FF0BF4F6FF08FCF6FF08FCFOFF10FO
FOFE30FOFOFE30F2FBFC70F1FOFC70FOFOFOFBFOFO
FOFBFOFOFOFOFBFOF1FCF", 6241
10080 DATA"FFFFFFFF7FFFFFFFF7FFFFFFFF3FFFF
1F13FFFF3F71FFFF1F11FFFF7FD0FFFF7F10F7FF
FFF0F3FFFFFOF1FFFFFOF1FF2FF0FOFFBFFFOFOFF
9EFOFOFF8FFOF1FFOF7", 11206

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10090 DATA*FFFFFFFFFFFFFFFFFFFFFFFFFFFF5F1F
5F1F5F7F5F5F1F7F1F5FDF7F5F5F1F1F5F1FFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFF", 16106

10100 DATA*FFFFFCF0FFFFF8F0FFFFF0F0FFFFF
0F0FFFFEF0F0FFFFEF0F0FFFCF0F0FFFCF0F0FF3EF
0F0FF1FFBF0FFBF7EF0FFC71FFFFFE30F2FFFF10
F0FFFF18F0FFFEF8F0F", 13383

10110 DATA*F0F0F7FFF0F1FFEFFF0F3FF0FF0F1B
F0FF0F0B70FF0F0E10FF0F0F00FF0F0F0C3F0F0F
0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F
0F00F3CF0F00F2FF0F0", 12813

10120 DATA*8F0F1FCF4F0F0FCF4F0F0F0F2F0F0
F0F2F0F2F4F0F0F1F8F0F0F0F0F0F0F0F0F0F0F
F0FC30F0F0FF00F0F0FF0C30F0FF0F00F0FF0F0C
30FF0F0F00FF0F0F0C3", 5340

10130 DATA*0F1FF0F70F3EF0F30F7CF0F10F7EF
0F00F9FF0F00F0FF8F00F0F7CF00F0F3EF00F0F3
EF00FDF1FFB0F0F0F7CF0F0F0F3EF0F0F0F1F0F0F0
F0F0F0F0F0F0F0F0F", 5405

10140 DATA*FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFFFFF7FFFFFFFF7FFFF1FF3FF8
F7FF3FF0FFFF3EF1FFFF38F3FFFE30F4FFFFCF0F0
F1F8F0F3FFF0F0FFFFF", 12788

10150 DATA*EF0F0F0F8F0F0F0FFFFF0F0FFFF0B
F0FFFF88FCFFFE77EF7FF8FF8F0FFBFF0F0FFFCF
0F0FFFCF0F0FFFEF0F0FFFEF0F0FFFEF0F0FFFEF
0F0FFFEF0F0FFFEF8F0", 13108

10160 DATA*0F4F3CF00FCF1EF00F2F0F788F1F0
F1E7F0F8F0F1F9F0F0F0F6F0F0F870F0F0F870F0
F0FC30F0F0FC30F0F0F10F0F0FE10F0F0FF00F0
F0FF0870F0FF0C30F0F", 4513

10170 DATA*F0F0F0F0F0F0F0F0F0F0F0F0F0F0
0F03CF0F0F01EF0F0F00F78F0F00F1EF0F00F0F7
8F00F0F1EF00F0F0FF00F0F0FBC0F0F1F7F0F0F6
F7F0FFF8F3F0F0F0F1F", 8726

10180 DATA*0F6F0F0FC37F0F0FF0FF8F0FF0F7C
F0FF0F0F0D9FF0F0F8FFF0F0F0F1F0F0F0E3F0F0F
0E3F0F0F0F1F0F0F0F0F0F0F0F0F0F0F0F0F0F0F
0F0FEF0F0F0FEF0F0F1", 13358

10190 DATA*0F0F3FFF0F0F3FFF0F0CFFF0F1FF
FFF0FBFFFFF1FFFFFFFF3FFFFFFFF7FFFFFFFF8FFF
FFFF3FFFFFFFF3FFFFFFFF7FFFFFFFF7FFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFF", 13124

10200 DATA*FFFFF8F0FFFFFCF0FFFFFEF0FFFFF
EF0FFFFFFF0FFFFFFF8FFFFFFFFCFFFFFFFFEFFFFF
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFF", 16222

10210 DATA*F0E10F0FF0F00F0FF0F0C30FF0F0F
00FF0F0F0C3F0F0F0F0F0F0F0F0F0F0F0F0F0F0F
0F0FCF0F0F0FEF0F0F0FFFBF0F0FFFEF0F0FFFFF
CF0FFFFF8F0FFFFF", 14146

10220 DATA*0F0F0F0F0F0F0F0F0F0F0F0F0F0F
F780F0F78F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F
0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F0F
0F3F0F0F0FFFFFFFFF", 11388

10230 DATA*FCF0F0F3F0F0F3F0F0F0F7F0F0F
OFFF0F0F0FF0F0F1FFF0F0F3FFF0F0F7FFF0F1F
FFFF0F3FFFFF0FFFFFFFF3FFFFFFFFFFFFFFFFFFFF
FFFFFFFFFFFFFFFFFFFFF", 15868

10240 DATA*33333333AAAAAAAAA33333333AAAAA
AA33333333AAAAAAAAA33333333AAAAAAAAA33333
333AAAAAAAAA3333333333AAAAAAAAA3333333333AAAAA
AA3333333333AAAAAAAAA", 8160