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100 '*****
120 '*          KREUZWORTRAETSEL          *
125 '*          VON                      *
140 '*          UDO ZIESE                  *
145 '*          FUER                      *
160 '*          SCHNEIDER AKTIV          *
180 '*          CPC 464/664/6128          JE*
200 '*****
210 '
220 MODE 1:INK 0,14:INK 1,26:INK 2,
26:INK 3,0:BORDER 14:SYMBOL 244,255
,253,251,247,239,223,191,255
230 DEFINT a-z:DIM t$(251),t1$(251)
,t(251),t1(251),t2(251),t3(251),t4(
251):tran$=CHR$(23)+CHR$(1):trans$=
CHR$(23)+CHR$(0):rat=0
240 IF PEEK(&9FFF)<>33 THEN GOSUB 4
300:baud=1500 ELSE SUB 320
250 LOCATE 8,12:PRINT("";:PEN 3:PRI
NT"D";:PEN 1:PRINT")isk oder (";:PE
N 3:PRINT"T";:PEN 1:PRINT")ape-Betr
ieb"
260 IF INKEY(61)=0 THEN |DISC:a$="D
ISK":POKE &9FFF,1:CLS#1:GOTO 280
270 IF INKEY(51)=0 THEN |TAPE:a$="T
APE":POKE &9FFF,2:CLS#1:GOTO 290 EL
SE GOTO 260
280 CLS:PEN 1:LOCATE 3,11:PRINT"Sch
utz gegen Speicher-Reorganisation":
LOCATE 4,13:PRINT"Bitte legen Sie e
ine ";:PEN 3:PRINT"Diskette ";:PEN
1:PRINT"ein.":LOCATE 12,24:PRINT CH
R$(24)" Taste druecken "CHR$(24):CA
LL &8B03:CALL &8B18
290 OPENOUT"DUMMY"
300 MEMORY HIMEM-1
310 CLOSEOUT
320 CLS:GOTO 4200
330 '
340 ' ***** Raetselgitter *****
350 '
360 CLS#1:SOUND 1,80,7,5,3,1:LOCATE
#1,5,1:PRINT#1,"Raetselgitter (max.
32,19)":CALL &8B03:LOCATE#1,5,2:IN
PUT#1,"breite,hoehe: ",breit,hoch
370 IF breit>32 OR hoch>19 THEN 360
380 IF m=0 THEN f=1 ELSE f=3
390 br=(18*breit):ho=(18*hoch):n1=3
18-(br/2):n2=216-(ho/2):ho=n2+(18*h
och):br=n1+(18*breit)
400 FOR y=n2 TO ho STEP 18:MOVE n1,
y:DRAW br,y,f:NEXT:FOR n=n1 TO br S
TEP 18:MOVE n,ho:DRAW n,n2:NEXT:MOV
E n1-2,ho+2:DRAW br+2,ho+2:DRAW br+
2,n2-2:DRAW n1-2,n2-2:DRAW n1-2,ho:
CLS#1:RETURN
410 '
420 ' *** Raetsel erstellen ***
430 '
440 IF z>2 THEN FOR z=1 TO z:t$(z)=

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"":NEXT
450 CLS#1:CLS#2:GOSUB 360:seit$=""
erstellen "":GOSUB 1390:nr=0:z=1:n=
z:INK 2,0,26:SPEED INK 40,40
460 x=n1+2:y=ho-2:x1=x:y1=y:GOSUB 5
60
470 IF INKEY(0)=0 THEN GOSUB 570:y=
y+18:GOSUB 540
480 IF INKEY(1)=0 THEN GOSUB 570:x=
x+18:GOSUB 540
490 IF INKEY(79)=0 THEN GOSUB 890
500 IF INKEY(18)=0 OR INKEY(6)=0 TH
EN INK 2,26:GOTO 1300
510 IF INKEY(2)=0 THEN GOSUB 570:y=
y-18:GOSUB 540
520 IF INKEY(9)=0 THEN GOSUB 580
530 IF INKEY(8)=0 THEN GOSUB 570:x=
x-18:GOSUB 540:FOR pau=1 TO 300:NEX
T:GOTO 470 ELSE FOR pau=1 TO 300:NE
XT:GOTO 470
540 IF x<n1+2 THEN x=n1+2 ELSE IF x
>br-16 THEN x=br-16
550 IF y<n2+16 THEN y=n2+16 ELSE IF
y>ho-2 THEN y=ho-2
560 PLOT-2,40,2:PRINT tran$;:TAG:MO
VE x,y:PRINT CHR$(233);:TAGOFF:PRIN
T trans$;:x1=x:y1=y:RETURN
570 PLOT-2,40,2:PRINT tran$;:TAG:MO
VE x1,y1:PRINT CHR$(233);:TAGOFF:PR
INT trans$;:RETURN
580 GOSUB 560
590 IF TEST(x+10,y-4)=1 AND nr=0 OR
TEST(x+4,y)=1 AND nr=0 THEN GOSUB
1260:GOSUB 560:RETURN
600 IF TEST(x,y)=3 AND nr=1 THEN GO
SUB 1260:GOSUB 560:RETURN
610 IF nr=1 THEN GOSUB 560:GOTO 650
620 IF TEST(x+2,y)=3 AND TEST(x+8,y
-6)=0 THEN GOSUB 1260:GOSUB 560:RET
URN
630 IF TEST(x,y)=3 THEN b$=CHR$(244
):nr=1 ELSE b$=CHR$(143):nr=1
640 z=z+1:SOUND 1,80,7,5,3,1:TAG:PL
OT 0,40,3:MOVE x,y:PRINT b$;:TAGOFF
:t2(z)=x:t3(z)=y:FOR pau=1 TO 200:N
EXT:GOSUB 560:RETURN
650 CLS#1:CALL &8B03:LOCATE#1,2,1:I
NPUT#1,"Antwort: ",t$(z):t$(z)=UPPER
$(t$(z)):IF t$(z)="" THEN 650
660 IF LEN(t$(z))>28 THEN CLS#1:SOU
ND 1,200,7,5,3,1:LOCATE#1,8,1:PRINT
#1,"Das Wort ist zu lang":FOR pau=1
TO 1500:NEXT:GOTO 650
670 t(z)=x:t1(z)=y
680 CLS#1:LOCATE#1,4,1:PRINT#1,"(S)
enkreht oder (W)aagereht?"
690 IF INKEY(60)=0 THEN t4(z)=2:CLS
#1:GOTO 800
700 IF INKEY(59)=0 THEN t4(z)=1:CLS
#1 ELSE GOTO 690

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710 1=LEN(t$(z))
720 IF x+(18*1)>br+2 THEN 1230
730 IF y<ho-18 THEN GOSUB 570:x2=x:
y2=y:y=y+18:x1=x:y1=y:GOSUB 560:GOT
0 750
740 IF y=ho-2 THEN GOSUB 570:x2=x:y
2=y:y=y-18:x1=x:y1=y:GOSUB 560
750 t(z)=x2:t1(z)=y2:PLOT 2,40,1:TA
G:FOR za=1 TO 1
760 MOVE x2,y2:PRINT MID$(t$(z),za,
1);:x2=x2+18:NEXT:TAGOFF
770 CLS#1:CALL &BB03:INPUT#1,"Frage
: ",t1$(z):IF t1$(z)="" THEN 770
780 IF LEN(t1$(z))>28 THEN SOUND 1,
200,7,5,3,1:CLS#1:LOCATE#1,8,1:PRIN
T#1,"Die Frage ist zu lang":FOR pau
=1 TO 1500:NEXT:CLS#1:GOTO 770
790 FOR pau=1 TO 200:NEXT:CLS#1:nr=
0:RETURN
800 1=LEN(t$(z))
810 IF y-(18*1)+18<n2+16 THEN 1230
820 IF x<br-16 THEN GOSUB 570:x2=x:
y2=y:x=x+18:x1=x:y1=y:GOSUB 560:GOT
0 840
830 IF x=br-16 THEN GOSUB 570:x2=x:
y2=y:x=x-18:x1=x:y1=y:GOSUB 560
840 t(z)=x2:t1(z)=y2:PLOT 2,40,1:TA
G:FOR za=1 TO 1
850 MOVE x2,y2:PRINT MID$(t$(z),za,
1);:y2=y2-18:NEXT:TAGOFF:GOTO 770
860 '
870 ' ***** Wort loeschen *****
880 '
890 GOSUB 560:IF TEST(x,y)=3 THEN 9
00 ELSE SOUND 1,200,7,5,3,1:LOCATE#
1,11,1:PRINT#1,"Falsche Position":F
OR pau=1 TO 1500:NEXT:GOSUB 560:CLS
#1:RETURN
900 CLS#1:LOCATE#1,10,1:PRINT#1,">>
Wort loeschen <<":LOCATE#1,14,2:PR
INT#1,"---- j/n ----"
910 IF INKEY(46)=0 THEN CLS#1:GOSUB
560:RETURN
920 IF INKEY(45)=0 THEN 930 ELSE 91
0
930 IF nr=1 THEN CLS#1:SOUND 1,200,
7,5,3,1:LOCATE#1,13,1:PRINT#1,"Nich
t erlaubt":FOR pau=1 TO 1500:NEXT:G
OSUB 560:CLS#1:RETURN ELSE LOCATE#1
,14,2:PRINT#1," "
940 IF TEST(x+8,y-6)=3 THEN i=2:GOT
0 950 ELSE i=2:GOTO 970
950 IF x=t2(i) AND y=t3(i) AND t4(i
)=1 THEN 1060
960 IF x=t2(i) AND y=t3(i) AND t4(i
)=2 THEN 1110 ELSE i=i+1:GOTO 950
970 IF x=t2(i) AND y=t3(i) THEN CLS
#1:PRINT#1," -1- "t$(i):loe=i:i=i+1
ELSE i=i+1:GOTO 970
980 IF x=t2(i) AND y=t3(i) THEN PRI

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NT#1," -2- "t$(i) ELSE i=i+1:GOTO 9
80
990 IF INKEY(64)=0 OR INKEY(13)=0 T
HEN i=loe:GOTO 1050
1000 IF INKEY(64)=0 OR INKEY(13)=0
THEN i=loe:GOTO 1050
1010 IF INKEY(65)=0 OR INKEY(14)=0
THEN 1050
1020 IF INKEY(65)=0 OR INKEY(14)=0
THEN 1050
1030 IF INKEY(18)=0 THEN CLS#1:GOSU
B 560:RETURN
1040 GOTO 990
1050 IF t4(i)=1 THEN 1060 ELSE 1110
1060 GOSUB 1220
1070 i2=t(i):i3=LEN(t$(i)):i1=0
1080 i1=i1+1
1090 IF i1>i3 THEN 1160
1100 TAG:MOVE i2,t1(i):PRINT" ";:TA
GOFF:i2=i2+18:GOTO 1080
1110 GOSUB 1220
1120 i2=t1(i):i3=LEN(t$(i)):i1=0
1130 i1=i1+1
1140 IF i1>i3 THEN 1160
1150 TAG:MOVE t(i),i2:PRINT" ";:TAG
OFF:i2=i2-18:GOTO 1130
1160 CLS#1:LOCATE#1,7,1:PRINT#1,"Ra
etsel wird aktualisiert"
1170 FOR j=i TO z:t$(j)=t$(j+1):t1$(
j)=t1$(j+1):t(j)=t(j+1):t1(j)=t1(j
+1):t2(j)=t2(j+1):t3(j)=t3(j+1):t4(
j)=t4(j+1):NEXT:z=z-1:i=2:PLOT 2,40
,1:TAG
1180 IF z<20 THEN FOR pau=1 TO 1500
:NEXT
1190 IF i>z THEN TAGOFF:CLS#1:GOSUB
560:RETURN
1200 IF t4(i)=1 THEN i2=t(i):FOR na
=1 TO LEN(t$(i)):MOVE i2,t1(i):PRIN
T UPPER$(MID$(t$(i),na,1));:i2=i2+1
8:NEXT:i=i+1:GOTO 1190
1210 IF t4(i)=2 THEN i2=t1(i):FOR n
a=1 TO LEN(t$(i)):MOVE t(i),i2:PRIN
T UPPER$(MID$(t$(i),na,1));:i2=i2-1
8:NEXT:i=i+1:GOTO 1190
1220 IF TEST(t2(i)+2,t3(i))=3 AND T
EST(t2(i)+8,t3(i)-6)=0 THEN PLOT 0,
40,3:TAG:MOVE t2(i),t3(i):PRINT CHR
$(143);:TAGOFF:RETURN ELSE PLOT 0,4
0,3:TAG:MOVE t2(i),t3(i):PRINT" ";:
TAGOFF:RETURN
1230 SOUND 1,200,7,5,3,1:CLS#1:LOCA
TE#1,8,1:PRINT#1,"Wort nicht erlaub
t !!!":FOR pau=1 TO 1500:NEXT:CLS#1
1240 IF t2(z)=t2(z-1) AND t3(z)=t3(
z-1) THEN PLOT 0,40,3:TAG:MOVE t2(z
),t3(z):PRINT CHR$(143);:TAGOFF:x=t
(z):y=t1(z):z=z-1:nr=0:RETURN
1250 TAG:MOVE t2(z),t3(z):PRINT" ";:
TAGOFF:x=t(z):y=t1(z):z=z-1:nr=0:R

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ETURN
1260 SOUND 1,200,7,5,3,1:CLS#1:LOCATE#1,6,1:PRINT#1,"Position nicht erlaubt !!!":FOR pau=1 TO 1500:NEXT:CLS#1:RETURN
1270 '
1280 ' ** Raetselgitter loeschen **
1290 '
1300 SOUND 1,80,7,5,3,1:CLS#1:LOCATE#1,6,1:PRINT#1,"Raetsel fertig ??? (j/n)"
1310 IF INKEY(45)=0 AND m=1 THEN CLS#1:vorsicht=1:mm=m:m=10:GOSUB 1390:m=mm:GOTO 1340
1320 IF INKEY(45)=0 AND m<>1 THEN CLS#1:mm=m:m=10:GOSUB 1390:m=mm:GOTO 1340
1330 IF INKEY(46)=0 THEN CLS#1:INK 2,0,26:GOTO 470 ELSE GOTO 1310
1340 LOCATE#1,10,1:PRINT#1,">> Bitte warten <<":br=br+26:n1=n1-24:ho=ho+2:n2=n2-2
1350 n1=n1+2:br=br-2:IF n1>140 THEN 1380
1360 MOVE n1,n2:DRAW n1,ho,0:MOVE br,n2:DRAW br,ho:GOTO 1350
1370 n1=n1+2:br=br-2:ho=ho-2:n2=n2+2:IF n1>314 THEN FOR pau=1 TO 200:NEXT:GOTO 3770
1380 MOVE n1,ho:DRAW br,ho,0:DRAW br,n2:DRAW n1,n2:DRAW n1,ho:GOTO 1370
1385 '
1386 ' *** Seitenbezeichnung ***
1387 '
1390 l=LEN(seit$):n4=n1-22:n5=212+(16*1)/2:n6=br+10
1400 IF m=10 THEN PLOT 0,0,0:GOTO 1420
1410 IF m=0 THEN PLOT 2,40,1 ELSE PLOT 0,40,3
1420 TAG:FOR n=1 TO 1:MOVE n4,n5:PRINT MID$(seit$,n,1):MOVE n6,n5:PRINT MID$(seit$,n,1):n5=n5-16:NEXT:TAGOFF:RETURN
1430 '
1440 '***** Raetsel raten *****
1450 '
1460 IF t$(z)="" THEN GOSUB 2760:GOTO 1510
1470 CLS#1:LOCATE#1,5,1:PRINT#1,"Neues RAETSEL laden ? (j/n)"
1480 IF INKEY(45)=0 THEN GOSUB 2760:GOTO 1510
1490 IF INKEY(46)=0 AND vorsicht=1 THEN 2090
1500 IF INKEY(46)=0 AND vorsicht=0 THEN CLS#2 ELSE 1480
1510 GOSUB 380:seit$="* raten *":GOSUB 1390:GOSUB 2570:an=0:INK 2,26,2

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1520 CLS#1:LOCATE#1,10,1:PRINT#1,"Abbruch mit enter":LOCATE#1,22,2:PRINT#1,"-----":FOR pau=1 TO 3000:NEXT
1530 CLS#1:LOCATE#1,7,1:PRINT#1,"Meldung- falsches Wort?":LOCATE#1,12,2:PRINT#1,"(e)in / (a)us"
1540 IF INKEY(58)=0 THEN help=0:GOTO 1560
1550 IF INKEY(69)=0 THEN help=1 ELSE GOTO 1540
1560 i=1:start=1
1570 i=i+1
1580 IF t$(i)="" AND i>z AND an=0 THEN 2160
1590 IF t$(i)="" AND i>z AND an=1 THEN CLS#1:start=start+1:start$=STR$(start)+"ter Rate-Versuch":LOCATE#1,8,1:PRINT#1,start$:FOR pau=1 TO 3500:NEXT:i=1:an=0:GOTO 1570
1600 IF t$(i)="" THEN 1570
1610 GOTO 2210
1620 IF t4(i)=1 THEN GOSUB 2100:GOTO 1640
1630 IF t4(i)=2 THEN GOSUB 2130
1640 CLS#1:PRINT#1,"Frage: ";t1$(i):CALL G8803:INPUT#1,"Antw.: ",ant$
1650 IF INKEY(6)=0 THEN CLS#1:m=10:GOSUB 1390:GOTO 1340
1660 IF ant$="" AND t4(i)=1 THEN GOSUB 2100:an=1:GOTO 1570 ELSE IF ant$="" AND t4(i)=2 THEN GOSUB 2130:an=1:GOTO 1570
1670 IF t4(i)=2 THEN 1730
1680 IF LEN(ant$)<LEN(t$(i)) THEN 2060
1690 IF LEN(ant$)>LEN(t$(i)) THEN 2070
1700 IF UPPER$(ant$)<>t$(i) AND help=0 THEN 2080
1710 xm=t(i):TAG:FOR k=1 TO LEN(ant$):mi$=UPPER$(MID$(ant$,k,1)):PLOT 2,40,1:MOVE xm,t1(i):PRINT mi$:po=ASC(mi$)-64:GOSUB 1780:PLOT xm+xt,t1(i):yt,2:xm=xm+18:NEXT:TAGOFF
1720 IF UPPER$(ant$)=t$(i) THEN t$(i)="" :GOTO 1570 ELSE an=1:GOTO 1570
1730 IF LEN(ant$)<LEN(t$(i)) THEN 2060
1740 IF LEN(ant$)>LEN(t$(i)) THEN 2070
1750 IF UPPER$(ant$)<>t$(i) AND help=0 THEN 2080
1760 ym=t1(i):TAG:FOR k=1 TO LEN(ant$):mi$=UPPER$(MID$(ant$,k,1)):PLOT 2,40,1:MOVE t(i),ym:PRINT mi$:po=ASC(mi$)-64:GOSUB 1780:PLOT t(i)+xt,ym-yt,2:ym=ym-18:NEXT:TAGOFF
1770 IF UPPER$(ant$)=t$(i) THEN t$(i)="" :GOTO 1570 ELSE an=1:GOTO 1570

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1780 ON po GOSUB 1800,1810,1820,183
0,1840,1850,1860,1870,1880,1890,190
0,1910,1920,1930,1940,1950,1960,197
0,1980,1990,2000,2010,2020,2030,204
0,2050
1790 RETURN
1800 xt=6:yt=0:RETURN
1810 xt=0:yt=0:RETURN
1820 xt=0:yt=4:RETURN
1830 xt=2:yt=0:RETURN
1840 xt=8:yt=0:RETURN
1850 xt=10:yt=0:RETURN
1860 xt=2:yt=2:RETURN
1870 xt=12:yt=0:RETURN
1880 xt=6:yt=2:RETURN
1890 xt=8:yt=2:RETURN
1900 xt=4:yt=2:RETURN
1910 xt=2:yt=4:RETURN
1920 xt=10:yt=2:RETURN
1930 xt=12:yt=2:RETURN
1940 xt=0:yt=6:RETURN
1950 xt=2:yt=6:RETURN
1960 xt=0:yt=8:RETURN
1970 xt=4:yt=4:RETURN
1980 xt=4:yt=6:RETURN
1990 xt=6:yt=6:RETURN
2000 xt=10:yt=4:RETURN
2010 xt=12:yt=4:RETURN
2020 xt=10:yt=6:RETURN
2030 xt=2:yt=8:RETURN
2040 xt=6:yt=8:RETURN
2050 xt=8:yt=6:RETURN
2060 SOUND 1,200,7,5,3,1:CLS#1:LOCA
TE#1,8,1:PRINT#1,"Das Wort ist zu k
urz":FOR pau=1 TO 1500:NEXT:GOTO 16
40
2070 SOUND 1,200,7,5,3,1:CLS#1:LOCA
TE#1,8,1:PRINT#1,"Das Wort ist zu l
ang":FOR pau=1 TO 1500:NEXT:GOTO 16
40
2080 SOUND 1,200,7,5,3,1:CLS#1:LOCA
TE#1,8,1:PRINT#1,"Das Wort ist fals
ch":FOR pau=1 TO 1500:NEXT:GOTO 164
0
2090 CLS#2:CLS#1:SOUND 1,200,37,5,3
,1:LOCATE#1,13,1:PRINT#1,"VORSICHT
!!!":LOCATE#1,1,2:PRINT#1,"RAETSEL
speichern - sonst Loeschung.";:FOR
pau=1 TO 5000:NEXT:CLS#1:GOTO 3770
2100 l=LEN(t$(i)):xp=t(i):yp=t1(i):
xb=xp+(18*1)-18:yb=yp-14:PRINT tran
s$;
2110 FOR tb=xp TO xb STEP 18
2120 FOR tc=yp TO yb STEP-2:MOVE tb
,tc:DRAW tb+14,tc,2:NEXT tc,tb:PRIN
T trans$;:RETURN
2130 l=LEN(t$(i)):xp=t(i):yp=t1(i):
yb=yp-(18*1)+18:xb=xp+14:PRINT tran
s$;
2140 FOR tb=yp TO yb STEP-18

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2150 FOR tc=xp TO xb STEP 2:MOVE tc
,tb:DRAW tc,tb-14,2:NEXT tc,tb:PRIN
T trans$;:RETURN
2160 CLS#1:SOUND 1,900,50,15,0,1:LO
CATE#1,8,1:PRINT#1,"Sie haben es ge
schafft":FOR pau=1 TO 3000:NEXT:CAL
L &BB03:LOCATE#1,12,2:PRINT#1,"Tast
e druecken":CALL &BB18
2170 CLS#1:INK 2,26:m=10:GOSUB 1390
:GOTO 1340
2180 '
2190 '*** Wort vorhanden ? ***
2200 '
2210 e=t(i):e1=t1(i):e2=LEN(t$(i)):
e4=0:sy$=""
2220 IF TEST(e+4,e1)=0 AND TEST(e+1
0,e1-4)=0 THEN 1620
2230 IF t4(i)=2 THEN 2270
2240 IF e4=e2 AND sy$=t$(i) THEN t$
(i)="" :GOTO 1570
2250 IF e4=e2 AND sy$<>t$(i) THEN G
OTO 1620
2260 e4=e4+1:GOSUB 2300:IF sy>0 THE
N sy$=sy$+CHR$(sy):e=e+18:GOTO 2240
ELSE GOTO 1620
2270 IF e4=e2 AND sy$=t$(i) THEN t$
(i)="" :GOTO 1570
2280 IF e4=e2 AND sy$<>t$(i) THEN G
OTO 1620
2290 e4=e4+1:GOSUB 2300:IF sy>0 THE
N sy$=sy$+CHR$(sy):e1=e1-18:GOTO 22
70 ELSE GOTO 1620
2300 IF TEST(e+6,e1)=2 THEN sy=65:R
ETURN
2310 IF TEST(e,e1)=2 THEN sy=66:RET
URN
2320 IF TEST(e,e1-4)=2 THEN sy=67:R
ETURN
2330 IF TEST(e+2,e1)=2 THEN sy=68:R
ETURN
2340 IF TEST(e+8,e1)=2 THEN sy=69:R
ETURN
2350 IF TEST(e+10,e1)=2 THEN sy=70:
RETURN
2360 IF TEST(e+2,e1-2)=2 THEN sy=71
:RETURN
2370 IF TEST(e+12,e1)=2 THEN sy=72:
RETURN
2380 IF TEST(e+6,e1-2)=2 THEN sy=73
:RETURN
2390 IF TEST(e+8,e1-2)=2 THEN sy=74
:RETURN
2400 IF TEST(e+4,e1-2)=2 THEN sy=75
:RETURN
2410 IF TEST(e+2,e1-4)=2 THEN sy=76
:RETURN
2420 IF TEST(e+10,e1-2)=2 THEN sy=7
7:RETURN
2430 IF TEST(e+12,e1-2)=2 THEN sy=7
8:RETURN

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2440 IF TEST(e,e1-6)=2 THEN sy=79:R
ETURN
2450 IF TEST(e+2,e1-6)=2 THEN sy=80
:RETURN
2460 IF TEST(e,e1-8)=2 THEN sy=81:R
ETURN
2470 IF TEST(e+4,e1-4)=2 THEN sy=82
:RETURN
2480 IF TEST(e+4,e1-6)=2 THEN sy=83
:RETURN
2490 IF TEST(e+6,e1-6)=2 THEN sy=84
:RETURN
2500 IF TEST(e+10,e1-4)=2 THEN sy=8
5:RETURN
2510 IF TEST(e+12,e1-4)=2 THEN sy=8
6:RETURN
2520 IF TEST(e+10,e1-6)=2 THEN sy=8
7:RETURN
2530 IF TEST(e+2,e1-8)=2 THEN sy=88
:RETURN
2540 IF TEST(e+6,e1-8)=2 THEN sy=89
:RETURN
2550 IF TEST(e+8,e1-6)=2 THEN sy=90
:RETURN
2560 sy=0:RETURN
2570 IF m=0 THEN i=2:PLOT 2,40,1:TA
G ELSE i=2:PLOT 0,40,3:TAG
2580 IF i>z THEN TAGOFF:RETURN
2590 IF TEST(t2(i),t3(i))=3 THEN MO
VE t2(i),t3(i):PRINT CHR$(244);:i=i
+1:GOTO 2580 ELSE MOVE t2(i),t3(i):
PRINT CHR$(143);:i=i+1:GOTO 2580
2600 '
2610 '*** Raetsel bearbeiten ***
2620 '
2630 IF t$(z)="" THEN GOSUB 2760:GO
TO 2670
2640 CLS#1:LOCATE#1,5,1:PRINT#1,"Ne
ues RAETSEL laden ? (j/n)"
2650 IF INKEY(45)=0 THEN GOSUB 2760
:GOTO 2670
2660 IF INKEY(46)=0 THEN CLS#2 ELS
E 2650
2670 GOSUB 380:seit$="* bearbeiten
*":GOSUB 1390:m=3:GOSUB 2570
2680 PLOT 2,40,1:TAG:FOR za=2 TO z
2690 IF t4(za)=1 THEN zx=t(za):FOR
zb=1 TO LEN(t$(za)):MOVE zx,t1(za):
PRINT MID$(t$(za),zb,1);:zx=zx+18:N
EXT
2700 IF t4(za)=2 THEN zx=t1(za):FOR
zb=1 TO LEN(t$(za)):MOVE t(za),zx:
PRINT MID$(t$(za),zb,1);:zx=zx-18:N
EXT
2710 NEXT za:TAGOFF
2720 IF m<>0 THEN nr=0:n=1:INK 2,0,
26:SPEED INK 40,40:GOTO 460 ELSE RE
TURN
2730 '
2740 '***** Raetsel laden *****

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2750 '
2760 IF a$="DISK" THEN m=8:GOSUB 41
10 ELSE WINDOW 2,39,2,22
2770 CLS#1:name$="":LOCATE#1,11,1:P
RINT#1,">> L a d e n <<":SOUND 1,80
,7,5,3,1:CALL &8B03:LOCATE#1,14,2:I
NPUT#1,"Name: ",name$
2780 IF INKEY(6)=0 THEN CLS:WINDOW
1,40,1,25:GOTO 3770
2790 IF name$="" AND a$="DISK" THEN
CLS:WINDOW 1,40,1,25:GOTO 3770
2800 IF a$="DISK" AND LEN(name$)>8
THEN SOUND 1,200,7,5,3,1:CLS#1:LOCA
TE#1,9,1:PRINT#1,"maximal 8 Buchsta
ben":FOR pau=1 TO 1500:NEXT:GOTO 27
70
2810 IF a$="TAPE" AND LEN(name$)>16
THEN SOUND 1,200,7,5,3,1:CLS#1:LOC
ATE#1,9,1:PRINT#1,"maximal 16 Buchs
taben":FOR pau=1 TO 1500:NEXT:GOTO
2770
2820 IF a$="DISK" THEN CLS#1:LOCATE
#1,10,1:PRINT#1,">> Bitte warten <<
":CLS:i=2:PRINT:PRINT" Loading ";UP
PER$(name$) ELSE CLS#1:CLS:i=2
2830 OPENIN name$
2840 INPUT#9,baud
2850 INPUT#9,breit
2860 INPUT#9,hoch
2870 IF a$="TAPE" THEN LOCATE#2,2,1
8:PRINT#2,"* Geladen wird mit";:PEN
#2,3:PRINT#2,baud;:PEN#2,1:PRINT#2,
"BAUD *":POKE &9FF7,INT((333333/bau
d)+0.5)
2880 WHILE NOT EOF
2890 INPUT#9,t$(i)
2900 INPUT#9,t1$(i)
2910 INPUT#9,t(i)
2920 INPUT#9,t1(i)
2930 INPUT#9,t2(i)
2940 INPUT#9,t3(i)
2950 INPUT#9,t4(i)
2960 i=i+1:WEND
2970 CLOSEIN
2980 FOR pau=1 TO 2000:NEXT:CLS:WIN
DOW 1,40,1,25:z=i-1:t$(z+1)="" :RETU
RN
2990 '
3000 '*** Raetsel speichern ***
3010 '
3020 CLS#2:IF t$(z)="" THEN GOSUB 3
730:GOTO 3770
3030 CLS#1:name$="":LOCATE#1,8,1:PR
INT#1,">> s p e i c h e r n <<":CAL
L &8B03:LOCATE#1,11,2:INPUT#1,"Name
: ",name$
3040 IF INKEY(6)=0 THEN CLS#1:GOTO
3770
3050 IF a$="DISK" AND LEN(name$)>8
THEN SOUND 1,200,7,5,3,1:CLS#1:LOCA

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TE#1,9,1:PRINT#1,"maximal 8 Buchsta
ben":FOR pau=1 TO 1500:NEXT:CLS#1:G
OTO 3030
3060 IF a$="TAPE" AND LEN(name$)>16
THEN SOUND 1,200,7,5,3,1:CLS#1:LOC
ATE#1,9,1:PRINT#1,"maximal 16 Buchs
taben":FOR pau=1 TO 1500:NEXT:CLS#1
:GOTO 3030
3070 WINDOW 2,39,2,22
3080 IF name$="" THEN rat=rat+1:l=L
EN(STR$(rat))-1:name$="RATE"+MID$(S
TR$(rat),2,1)
3090 IF a$="DISK" THEN CLS#1:LOCATE
#1,10,1:PRINT#1,">> Bitte warten <<
":PRINT:PRINT" Saving ";UPPER$(name
$):name$=name$+".bas" ELSE GOSUB 32
90
3100 vorsicht=0
3110 OPENOUT name$
3120 PRINT#9,baud
3130 PRINT#9,breit
3140 PRINT#9,hoch
3150 FOR i=2 TO z
3160 PRINT#9,t$(i)
3170 PRINT#9,t1$(i)
3180 PRINT#9,t(i)
3190 PRINT#9,t1(i)
3200 PRINT#9,t2(i)
3210 PRINT#9,t3(i)
3220 PRINT#9,t4(i)
3230 NEXT
3240 CLOSEOUT
3250 CLS:name$="":WINDOW 1,40,1,25:
GOTO 3770
3260 '
3270 '*** Baudrate einstellen ***
3280 '
3290 CLS#1:CLS#2:PEN#2,3:LOCATE#2,1
2,2:PRINT#2,"BAUDRATE":PEN#2,1:PRIN
T#2:PRINT#2
3300 PRINT#2," (1) 1500... BA
UD":PRINT#2:PRINT#2," (2) 200
0... BAUD"
3310 PRINT#2:PRINT#2," (3) 25
00... BAUD":PRINT#2:PRINT#2,"
(4) 3000... BAUD":PRINT#2:PRINT#2,
" (5) 3500... BAUD"
3320 LOCATE#2,1,18:PRINT#2,"* ";:PE
N#2,3:PRINT#2,baud;:PEN#2,1:PRINT#2
,"BAUD sind eingestellt *":LOCATE#
1,5,1:PRINT#1,"Wenn Baudrate OK dan
n ENTER"
3330 IF INKEY(64)=0 OR INKEY(13)=0
THEN POKE &9FF7,222:baud=1500:GOTO
3390
3340 IF INKEY(65)=0 OR INKEY(14)=0
THEN POKE &9FF7,167:baud=2000:GOTO
3390
3350 IF INKEY(57)=0 OR INKEY(5)=0 T
HEN POKE &9FF7,133:baud=2500:GOTO 3

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390
3360 IF INKEY(56)=0 OR INKEY(20)=0
THEN POKE &9FF7,111:baud=3000:GOTO
3390
3370 IF INKEY(49)=0 OR INKEY(12)=0
THEN POKE &9FF7,95:baud=3500:GOTO 3
390
3380 IF INKEY(18)=0 OR INKEY(6)=0 T
HEN 3390 ELSE 3330
3390 LOCATE#2,1,18:PRINT#2,"* ";:PE
N#2,3:PRINT#2,baud;:PEN#2,1:PRINT#2
,"BAUD sind eingestellt *":CALL &9
FF6
3400 CLS#1:FOR yy=2 TO 18:LOCATE#2,
9,yy:PRINT STRING$(26," ");:NEXT:LO
CATE 1,1:RETURN
3410 '
3420 '***** Drucker *****
3430 '
3440 CLS#1:CLS#2:LOCATE#2,9,4:PRINT
#2,"DRUCKER- MENUE":PEN#2,3:LOCATE#
2,11,6:PRINT#2,"GP-500 CPC"
3450 PEN#2,1:PRINT#2:PRINT#2:PRINT#
2," (1) Raetsel... ausdrucken":PR
INT#2:PRINT#2," (2) Gitter ... au
sdrucken":PRINT#2:PRINT#2," (3) D
aten ... ausdrucken"
3460 LOCATE#1,9,1:PRINT#1,"Bitte Ih
re Wahl (1-3)":SOUND 1,80,7,5,3,1
3470 IF INKEY(64)=0 OR INKEY(13)=0
THEN 3520
3480 IF INKEY(65)=0 OR INKEY(14)=0
THEN 3550
3490 IF INKEY(57)=0 OR INKEY(5)=0 T
HEN 3560
3500 IF INKEY(18)=0 OR INKEY(6)=0 T
HEN GOTO 3770
3510 GOTO 3470
3520 IF t$(z)="" THEN GOSUB 3730:GO
TO 3770
3530 PAPER#1,0:CLS#1:CLS:m=0:GOSUB
380:GOSUB 2570:GOSUB 2680:seit$="*
RAETSEL *":GOSUB 1390:PLOT 0,40,0:P
LOT 2,40,0
3540 GOSUB 3720:CLS#1:xa=16-(LEN(na
me$)/2):PEN 1:LOCATE xa,24:PRINT"***
* "UPPER$(name$)" ***":CALL &A000:C
LS:GOTO 4200
3550 PAPER#1,0:CLS:m=0:GOSUB 360:se
it$="* erstellen *":GOSUB 1390:GOSU
B 3720:CLS#1:PLOT 2,40,0:PEN#1,1:LO
CATE#1,7,1:PRINT#1,"Breite:"breit"
Hoehe:"hoch:CALL &A000:CLS:GOTO
4200
3560 IF t$(z)="" THEN GOSUB 3730:GO
TO 3770
3570 dr=1:dru=1:CLS#1:INK 2,0,14:LO
CATE#1,9,1:PRINT#1,"Ausgabe (";:PEN
#1,2:PRINT#1,"D";:PEN#1,3:PRINT#1,"
)rucker ?":LOCATE#1,9,2:PRINT#1,"Au

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3760 (":PEN#1,2:PRINT#1,"B";:PEN#
1,3:PRINT#1,")ildschirm?"
3580 IF INKEY(61)=0 THEN druck=1:IN
K 2,26:GOTO 3600
3590 IF INKEY(54)=0 THEN druck=0:IN
K 2,26:MODE 2:GOTO 3610 ELSE 3580
3600 MODE 2:LOCATE 32,12:PRINT CHR$
(24)"Drucker bereit?":LOCATE 33,
13:PRINT" Taste druecken ":PRINT CH
R$(24);:CALL &BB03:CALL &BB18:CLS
3610 l=LEN(name$)+8:tabs=34-(1/2):P
EN 1:PRINT TAB(tabs);"***"UPPER$(n
ame$);" ***":PRINT TAB(tabs);STRING
$(1,"-"):PRINT TAB(2);"Nr.:";TAB(12
);"Antwort:";TAB(48);"Frage:";PRINT
TAB(2);"-----";TAB(12);"-----";T
AB(48);"-----":WINDOW 1,80,5,23
3620 IF druck=1 THEN PRINT#8,TAB(ta
bs);"***"UPPER$(name$);" ***":PRIN
T#8,TAB(tabs);STRING$(1,"-"):PRINT#
8,TAB(2);"Nr.:";TAB(12);"Antwort:"
;TAB(48);"Frage:";PRINT#8,TAB(2);"-
---";TAB(12);"-----";TAB(48);"-
-----"
3630 dru=dru+1:dr=dr+1
3640 IF dru>z THEN WINDOW 1,80,1,25
:CALL &BB03:LOCATE 28,25:PRINT CHR$
(24)"BEENDEN TASTE DRUECKEN"CHR$(
24);:CALL &BB18:MODE 1:GOTO 4200
3650 l1=LEN(t$(dru)):IF l1<10 THEN
du=1 ELSE du=2
3660 IF t$(dru)<>" THEN PRINT TAB(
2);dru;TAB(12);t$(dru);" ("RIGHT$(S
T$(11),du)");TAB(48);t1$(dru):GOT
O 3680
3670 PRINT TAB(2);dru;TAB(12);"----
-----";TAB(48);"-----"
3680 IF druck=1 AND t$(dru)<>" THE
N PRINT#8,TAB(2);dru;TAB(12);t$(dru
);" ("RIGHT$(ST$(11),du)");TAB(48
);t1$(dru):GOTO 3700
3690 IF druck=1 THEN PRINT#8,TAB(2)
;dru;TAB(12);"-----";TAB(48);"-
-----"
3700 IF druck=0 AND dr=18 THEN dr=1
:WINDOW 1,80,1,25:LOCATE 32,25:PRIN
T CHR$(24)"TASTE DRUECKEN"CHR$(24
);:CALL &BB03:CALL &BB18:LOCATE 32,
25:PRINT STRING$(16," ");:WINDOW 1,
80,5,23:CLS:GOTO 3630
3710 GOTO 3630
3720 LOCATE 12,24:PRINT"Drucker ber
eit?":LOCATE 13,25:PRINT"Taste dru
ecken":CALL &BB03:CALL &BB18:RETURN
3730 CLS#1:SOUND 1,200,7,5,3,1:LOCA
TE#1,6,1:PRINT#1,"Keine Daten vorha
nden !!!":FOR pau=1 TO 1500:NEXT:RE
TURN
3740 '
3750 ' ***** Hauptmenue *****

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3760 '
3770 CLS#1:CLS#2:LOCATE#2,14,1:PRIN
T#2,"MENUE":PRINT#2:PRINT#2
3780 PRINT#2," Raetsel... erst
ellen":PRINT#2:PRINT#2," Raets
el... raten":PRINT#2:PRINT#2,"
Raetsel... bearbeiten"
3790 PRINT#2:PRINT#2," Raetsel
... speichern":PRINT#2:PRINT#2,"
Raetsel... loeschen":PRINT#2:PRI
NT#2," Catalog... ausgeben":PR
INT#2:PRINT#2," Drucker... Men
ue"
3800 PEN#2,3:LOCATE#2,7,18:PRINT#2,
"*";a$;"* ... Betrieb":PEN#2,1
3810 LOCATE#1,8,1:PRINT#1,CHR$(240)
;" Bitte waehlen Sie ";CHR$(241);:n
1=324:n3=0:n4=24:n5=-2:m=1:GOSUB 38
70:CALL &BB03:CALL &BB18:LOCATE#1,8
,1:PRINT#1,"Mit ENTER bestaetigen"
3820 IF INKEY(18)=0 OR INKEY(6)=0 T
HEN 3890
3830 IF INKEY(2)=0 THEN f=0:n2=-32:
n3=0:n4=24:n5=-2:GOSUB 3880:m=m+1:G
OTO 3860
3840 IF INKEY(0)=0 THEN f=0:n2=32:n
3=24:n4=0:n5=2:GOSUB 3880:m=m-1:GOT
O 3860
3850 GOTO 3820
3860 n1=n1+n2:GOSUB 3870:GOTO 3820
3870 IF n1>324 THEN n1=324:m=1 ELSE
IF n1<100 THEN n1=100:m=8
3880 PRINT tran$;:FOR n=n1-n3 TO n1
-n4 STEP n5:MOVE 144,n:DRAW 510,n,3
:NEXT:PRINT trans$;:RETURN
3890 IF m=1 THEN 440
3900 IF m=2 THEN 1460
3910 IF m=3 THEN CLS#2:GOTO 2630
3920 IF m=4 THEN 3020
3930 IF m=5 THEN GOSUB 4000:GOTO 37
70
3940 IF m=6 THEN GOSUB 4110:GOTO 37
70
3950 IF m=7 THEN 3440
3960 IF m=8 AND a$="DISK" THEN a$="
TAPE":bau=INT((333333/PEEK(&9FF7))/
100):baud=(bau*100):POKE &9FFF,2:|T
APE:GOSUB 3880:GOTO 3800 ELSE IF m=
8 AND a$="TAPE" THEN a$="DISK":POKE
&9FFF,1:|DISC:GOSUB 3880:GOTO 3800
3970 '
3980 ' *** Raetsel loeschen ***
3990 '
4000 CLS#2:IF a$="TAPE" THEN SOUND
1,200,7,5,3,1:CLS#1:LOCATE#1,5,1:PR
INT#1,"Nur im DISK-Betrieb moeglich
":FOR pau=1 TO 3000:NEXT:GOTO 3770
4010 CLS#1:CLS#2:LOCATE#1,8,1:PRINT
#1,">> l o e s c h e n <<":WINDOW 2
,39,2,21:CAT:SOUND 1,80,7,5,3,1

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4020 CALL GBB03:LOCATE#1,11,2:INPUT
#1,"File: ",name$
4030 IF name$="" THEN CLS:WINDOW 1,
40,1,25:CLS#1:a=2:RETURN ELSE a=2
4040 IF a>12 THEN 4060
4050 IF MID$(name$,a,1)="." THEN 40
70 ELSE a=a+1:GOTO 4040
4060 SOUND 1,200,7,5,3,1:CLS#1:LOCA
TE#1,6,1:PRINT#1,"Unvollstaendige E
ingabe !!!":FOR pau=1 TO 1500:NEXT:
CLS#1:GOTO 4020
4070 |ERA,@name$:CLS:GOTO 4000
4080 '
4090 ' ***** Catalog *****
4100 '
4110 IF a$="TAPE" THEN CLS#1:CLS#2:
LOCATE#1,9,1:PRINT#1,">> C a t a l
o g <<":LOCATE#1,11,2:PRINT#1,"Been
den mit ESC":WINDOW 2,39,2,22:CAT
4120 IF a$="TAPE" THEN CLS:WINDOW 1
,40,1,25:RETURN
4130 CLS#1:CLS#2:LOCATE#1,9,1:PRINT
#1,">> C a t a l o g <<":WINDOW 2,3
9,2,22:CAT
4140 IF m=2 OR m=8 THEN RETURN
4150 LOCATE#1,11,2:PRINT#1,"ENTER
druecken"
4160 IF INKEY(18)=0 THEN CLS:WINDOW
1,40,1,25:RETURN ELSE 4160
4170 '
4180 ' *** Bildschirmmaske ***
4190 '
4200 MOVE 0,16:DRAW 0,382,3:DRAW
638,0:DRAW 0,-382:DRAW-16,-16:DRA
WR-606,0:DRAW-16,16
4210 MOVE 4,20:DRAW 0,374:DRAW 63
0,0:DRAW 0,-374:DRAW-16,-16:DRAW
-598,0:DRAW-16,16
4220 MOVE 2,18:DRAW 0,378,1:DRAW
634,0:DRAW 0,-378:DRAW-16,-16:DRA
WR-602,0:DRAW-16,16
4230 MOVE 32,32:DRAW 574,0:MOVE 32
,36:DRAW 574,0,3:DRAW 4,-4:DRAW
0,-28:DRAW-582,0:DRAW 0,28:DRAW
4,4:MOVE 34,34:DRAW 570,0:DRAW 4,
-4:DRAW 0,-26:DRAW-578,0:DRAW 0,
26:DRAW 4,4
4240 WINDOW#1,3,38,24,25:PAPER#1,1:
PEN#1,3:CLS#1:WINDOW#2,5,38,3,21:PE
N#2,1:CLS#2
4250 TAG:MOVE 10,30:PRINT"?";:MOVE
614,30:PRINT"?";:TAGOFF
4260 IF PEEK(&9FFF)=1 THEN a$="DISK
":GOTO 3770 ELSE IF PEEK(&9FFF)=2 T
HEN a$="TAPE":GOTO 3770
4270 '
4280 ' ***** MC-Baudrate *****
4290 '
4300 MEMORY &9FF5
4310 RESTORE 4330:FOR x=&9FF6 TO &9

```

```

FFF
4320 READ a:POKE x,a:NEXT:GOTO 4370
4330 DATA 33,222,0,62,10,205,104,18
8,201,0
4340 '
4350 '*** MC-Drucker GP-500CPC ***
4360 '
4370 RESTORE 4410:FOR x=&A000 TO &A
0B3
4380 READ p$:POKE x,VAL("&"+p$):sum
=sum+VAL("&"+p$):NEXT
4390 IF sum<>21752 THEN PRINT"*** D
ATA FEHLER ***":END
4400 RETURN
4410 DATA cd,ba,bb,cd,e7,bb,32,b0,a
0,3e,0d,cd,6f,a0,3e,0a,cd,6f,a0,11,
00,00,21,00,00,ed,53,b1,a0,cd
4420 DATA 78,a0,cd,97,a0,0e,00,06,0
7,ed,5b,b1,a0,e5,d5,c5,cd,f0,bb,c1,
d1,21,b0,a0,be,e1,37,20,01,a7
4430 DATA cb,19,13,10,ea,cb,19,79,c
d,6f,a0,79,cd,6f,a0,23,23,d5,11,90,
01,eb,37,ed,52,eb,d1,38,02,18
4440 DATA c8,13,e5,21,80,02,37,ed,5
2,e1,38,3a,ed,53,b1,a0,21,00,00,18,
ae,cd,2e,bd,38,fb,cd,2b,bd,c9
4450 DATA 3e,0d,cd,6f,a0,3e,0a,cd,6
f,a0,3e,1b,cd,6f,a0,3e,4b,cd,6f,a0,
3e,03,cd,6f,a0,3e,10,cd,6f,a0
4460 DATA c9,e5,3e,42,cd,1e,bb,e1,c
8,e1,3e,0d,cd,6f,a0,3e,0f,cd,6f,a0,
3e,0d,cd,6f,a0,c9,00,00,00,00

```