

```

1000 REM FARBBALKEN V4.04
1010 REM STAND 07.06.2022
1020 -----
1030 DIM WERT(3),COL(9),CX(10),CY(10)
1040 DIM ZAHLS(3),SUMMES(3)
1050 POKE 559,2
1060 EXEC SETCHCY
1080 EXEC CODELOADER
1090 EXEC GR10TEXT
1100 POKE 752,1
1110 POKE 657,0:POKE 656,0:? "Co1:      Co2:      Co3:      Co4:      Co5:      "
1120 POKE 657,0:POKE 656,1:? "Co6:      Co7:      Co8:      Co9:      Co0:      "
1130 FOR I=0 TO 8
1140   POKE 657,CX(I):POKE 656,CY(I):? PEEK(704+I);
1150 NEXT I
1200 REM **** HAUPTSCHLEIFE ****
1210 DO
1220   COLX=0
1230   REPEAT
1235     REPEAT
1240       POS=0:SUMME=0
1250       WERT(0)=0:WERT(1)=0:WERT(2)=0
1260       POKE 657,CX(9)-2:POKE 656,CY(9)
1265       PRINT CHR$(COLX+49+128);":  "
1270       IF FEHLER=0
1280         EXEC INVERTIEREN
1290       ENDIF
1300       FEHLER=0
1310       REPEAT
1320         POKE 657,CX(9)+POS:POKE 656,CY(9):? "_";
1330         EXEC TASTENABFRAGE
1340         EXEC SHOWEINGABE
1350         UNTIL POS=3 OR KEY=155 OR (KEY=126 AND POS<0) OR KEY=76
1360         IF POS=0 OR KEY=126 OR KEY=76
1370           SUMME=PEEK(704+COLX)
1380         ELSE
1385           EXEC EINGABE2VARIABLEL
1390         ENDIF
1395         UNTIL FEHLER=0 OR POS=0 OR KEY=126 OR KEY=76
1400         POKE 704+COLX,SUMME
1410         POKE 657,CX(COLX):POKE 656,CY(COLX):? "  ";
1420         POKE 657,CX(COLX):POKE 656,CY(COLX):? SUMME;
1450         COLX=COLX+(KEY<>126)-(KEY=126)
1460         IF COLX<0 THEN COLX=8
1470         IF KEY=76 THEN EXEC LADEGRAU
1500       UNTIL COLX=9
1999   LOOP
4999   GOTO 4999
5000 -----
5010 PROC TASTENABFRAGE
5020   REPEAT
5030     GET KEY
5040     UNTIL (KEY>47 AND KEY<58) OR KEY=155 OR KEY=126 OR KEY=76
5050   ENDPROC
5200 -----
5210 PROC SHOWEINGABE
5220   POKE 657,CX(9)+POS:POKE 656,CY(9)
5230   IF KEY=126 OR KEY=155 OR KEY=76
5240     PRINT " ";
5250   ELSE
5260     ? CHR$(KEY);
5270     WERT(POS)=KEY
5280     POS=POS+1
5290   ENDIF
5300   IF KEY=126
5310     POS=POS-1
5320   ENDIF
5390 ENDPROC
5400 -----
5410 PROC EINGABE2VARIABLEL
5440   SUMMES=""
5450   FOR J=1 TO POS
5460     SUMMES(J)=CHR$(WERT(J-1))
5470   NEXT J
5480   SUMME=VAL(SUMMES)
5490   IF SUMME>255 THEN FEHLER=1
5599 ENDPROC
5600 -----
5605 PROC INVERTIEREN
5610   FOR I=0 TO 2
5615     CPOS=TXMISC+(CY(COLX)*40)+CX(COLX)+I
5620     CWERT=PEEK(CPOS)
5625     POKE CPOS,CWERT+(128*(CWERT<128))-(128*(CWERT>127))
5630   NEXT I
5640 ENDPROC
6000 -----
6010 REM MASCHINEN-UNTERPROGRAMME LADEN
6020 REM
6030 PROC CODELOADER
6040   REM
6050   REM DLI-PROGRAMM "TEXTFENSTER"
6060   REM
6070   RESTORE 6110
6080   FOR A=1536 TO 1566
6090     READ D:POKE A,D
6100   NEXT A
6110   DATA 72,138,72,173,111,2,41,63,162,202,141,10,212,141,27,208
6120   DATA 142,23,208,162,0,142,24,208,142,26,208,104,170,104,64
6130   REM
6140   REM PROGRAMM "BALKEN ZEICHNEN"
6150   REM
6160   RESTORE 6200

```

```

6170     FOR A=1664 TO 1742
6180         READ D:POKE A,D
6190     NEXT A
6200     DATA 104,165,88,133,203,165,89,133,204,162,160,160,39,185,166
6210     DATA 6,145,203,136,16,248,24,165,203,105,40,133,203,165,204,105
6220     DATA 0,133,204,202,208,230,96,17,17,17,17,17,34,34,34,34,51
6230     DATA 51,51,51,51,68,68,68,68,68,85,85,85,85,85,102,102,102,102
6240     DATA 102,119,119,119,119,119,119,136,136,136,136,136,0
6250 ENDPROC
6300 -----
6310 PROC GR10TEXT
6320     GRAPHICS 8
6330     POKE 559,PEEK(559)-32
6340     DLIVEC=512:NMIEN=54286:SDLDTL=560
6350     DLIST=DPEEK(560)
6360     POKE DLIST+166,15+128
6370     POKE DLIVEC,0:POKE DLIVEC+1,6
6380     POKE NMIEN,192
6390     POKE 623,128
6400     POKE 87,10
6410     BALKENMALEN=USR(1664)
6420     FOR I=1 TO 8
6430         POKE 704+I,I*16+6
6440     NEXT I
6445     TXTMSC=DPEEK(660)
6450     POKE 559,34
6460 ENDPROC
6600 -----
6610 PROC SETCHCY
6620     FOR MX=0 TO 4
6630         CX(MX)=4+(MX*8)
6640         CY(MX+5)=4+(MX*8)
6650         CY(MX)=0
6660         CY(MX+5)=1
6670     NEXT MX
6680 ENDPROC
7000 -----
7010 PROC LADEGRAU
7020     POKE 704,0:POKE 712,0
7030     FOR I=1 TO 7
7040         POKE 704+I,I*2
7050     NEXT I
7060     FOR I=0 TO 8
7065         POKE 657,CX(I):POKE 656,CY(I):? " ";
7070         POKE 657,CX(I):POKE 656,CY(I):? PEEK(704+I);
7080     NEXT I
7085     COLX=0
7090 ENDPROC

```