

```

1000 ' *****
1010 ' *
1020 ' *          SPRACHE          *
1030 ' *  -----  *
1040 ' *
1050 ' *          1985 by          *
1060 ' * Juergen Baumgartl *
1070 ' *
1080 ' *
1090 ' *
1100 ' *****
1110 '
1120 '
1130 ' Umlaute
1140 KEY DEF 17,1,123,91
1150 KEY DEF 19,1,125,93
1160 KEY DEF 26,1,124,92
1170 KEY DEF 24,1,94,126
1180 SYMBOL AFTER 90
1190 SYMBOL 91,102,24,60,102,102,126,102
,0
1200 SYMBOL 92,198,56,108,198,198,108,56
,0
1210 SYMBOL 93,102,0,102,102,102,102,60,
0

```

```

1220 SYMBOL 123,204,0,120,12,124,204,118
,0
1230 SYMBOL 124,102,0,60,102,102,102,60,
0
1240 SYMBOL 125,204,0,204,204,204,204,12
6,0
1250 SYMBOL 126,120,198,198,220,198,198,
216,0
1260 GOSUB 1830
1270 LINE INPUT A$
1280 IF A$<>" " THEN B$=A$
1290 SP$=B$
1300 GOSUB 1320
1310 GOTO 1270
1320 ' SP$ wird gesprochen
1330 SP$=" "+UPPER$(SP$)
1340 A=INSTR(SP$,"0"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" NULL"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1340
1350 A=INSTR(SP$,"1"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" EINS"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1350
1360 A=INSTR(SP$,"2"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" ZWEI"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1360
1370 A=INSTR(SP$,"3"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" DREI"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1370
1380 A=INSTR(SP$,"4"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" VIER"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1380
1390 A=INSTR(SP$,"5"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" FÜNF"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1390
1400 A=INSTR(SP$,"6"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" SEKS"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1400
1410 A=INSTR(SP$,"7"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" SIEBEN"+RIGHT$(SP$,LEN(SP
$)-A):GOTO 1410
1420 A=INSTR(SP$,"8"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" ACHT"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1420
1430 A=INSTR(SP$,"9"):IF A>0 THEN SP$=LE
FT$(SP$,A-1)+" NEUN"+RIGHT$(SP$,LEN(SP$)
-A):GOTO 1430
1440 A=INSTR(SP$," SP"):IF A>0 THEN SP$=
LEFT$(SP$,A)+CHR$(98)+RIGHT$(SP$,LEN(SP$
)-A-1):GOTO 1440
1450 A=INSTR(SP$," ST"):IF A>0 THEN SP$=
LEFT$(SP$,A)+CHR$(98)+RIGHT$(SP$,LEN(SP$
)-A-1):GOTO 1450
1460 A=INSTR(SP$,"IE"):IF A>0 THEN SP$=L
EFT$(SP$,A)+RIGHT$(SP$,LEN(SP$)-A-1):GOT
O 1460
1470 A=INSTR(SP$,"CK"):IF A>0 THEN SP$=L
EFT$(SP$,A-1)+RIGHT$(SP$,LEN(SP$)-A):GOT
O 1470
1480 A=INSTR(SP$,"PH"):IF A>0 THEN SP$=L
EFT$(SP$,A-1)+"F"+RIGHT$(SP$,LEN(SP$)-A-
1):GOTO 1480
1490 A=INSTR(SP$,"AU"):IF A>0 THEN SP$=L
EFT$(SP$,A-1)+CHR$(97)+RIGHT$(SP$,LEN(SP
$)-A-1):GOTO 1490
1500 A=INSTR(SP$,"SCH"):IF A>0 THEN SP$=
LEFT$(SP$,A-1)+CHR$(98)+RIGHT$(SP$,LEN(S
P$)-A-2):GOTO 1500
1510 A=INSTR(SP$,"EI"):IF A>0 THEN SP$=L
EFT$(SP$,A-1)+CHR$(99)+RIGHT$(SP$,LEN(SP
$)-A-1):GOTO 1510
1520 A=INSTR(SP$,"AI"):IF A>0 THEN SP$=L
EFT$(SP$,A-1)+CHR$(99)+RIGHT$(SP$,LEN(SP
$)-A-1):GOTO 1520
1530 A=INSTR(SP$,"CH"):IF A>0 THEN SP$=L
EFT$(SP$,A-1)+CHR$(100)+RIGHT$(SP$,LEN(S
P$)-A-1):GOTO 1530
1540 A=INSTR(SP$,CHR$(91)):IF A>0 THEN S

```

```

P#=LEFT$(SP$,A-1)+"E"+RIGHT$(SP$,LEN(SP$)-A):GOTO 1540
1550 A=INSTR(SP$,CHR$(123)):IF A>0 THEN SP#=LEFT$(SP$,A-1)+"E"+RIGHT$(SP$,LEN(SP$)-A):GOTO 1550
1560 A=INSTR(SP$,"EU"):IF A>0 THEN SP#=LEFT$(SP$,A-1)+CHR$(101)+RIGHT$(SP$,LEN(SP$)-A-1):GOTO 1560
1570 A=INSTR(SP$,"EH"):IF A>0 THEN SP#=LEFT$(SP$,A)+CHR$(0)+RIGHT$(SP$,LEN(SP$)-A):GOTO 1570
1580 A=INSTR(SP$,"MM"):IF A>0 THEN SP#=LEFT$(SP$,A)+RIGHT$(SP$,LEN(SP$)-A-1):GOTO 1580
1590 A=INSTR(SP$,"PP"):IF A>0 THEN SP#=LEFT$(SP$,A)+RIGHT$(SP$,LEN(SP$)-A-1):GOTO 1590
1600 A=INSTR(SP$,"TT"):IF A>0 THEN SP#=LEFT$(SP$,A)+RIGHT$(SP$,LEN(SP$)-A-1):GOTO 1600
1610 A=INSTR(SP$,"DT"):IF A>0 THEN SP#=LEFT$(SP$,A)+RIGHT$(SP$,LEN(SP$)-A-1):GOTO 1610
1620 A=INSTR(SP$,"HT"):IF A>0 THEN SP#=LEFT$(SP$,A-1)+RIGHT$(SP$,LEN(SP$)-A):GOTO 1620
1630 A=INSTR(SP$,"HL"):IF A>0 THEN SP#=LEFT$(SP$,A-1)+RIGHT$(SP$,LEN(SP$)-A):GOTO 1630
1640 A=INSTR(SP$,"HM"):IF A>0 THEN SP#=LEFT$(SP$,A-1)+RIGHT$(SP$,LEN(SP$)-A):GOTO 1640
1650 A=INSTR(SP$,"HN"):IF A>0 THEN SP#=LEFT$(SP$,A-1)+RIGHT$(SP$,LEN(SP$)-A):GOTO 1650
1660 A=INSTR(SP$,"HR"):IF A>0 THEN SP#=LEFT$(SP$,A-1)+RIGHT$(SP$,LEN(SP$)-A):GOTO 1660
1670 A=INSTR(SP$,"TH"):IF A>0 THEN SP#=LEFT$(SP$,A)+RIGHT$(SP$,LEN(SP$)-A-1):GOTO 1670
1680 A=INSTR(SP$,CHR$(126)):IF A>0 THEN SP#=LEFT$(SP$,A-1)+"SS"+RIGHT$(SP$,LEN(SP$)-A):GOTO 1680
1690 A=INSTR(SP$,CHR$(93)):IF A>0 THEN SP#=LEFT$(SP$,A-1)+"U"+RIGHT$(SP$,LEN(SP$)-A):GOTO 1690
1700 A=INSTR(SP$,CHR$(125)):IF A>0 THEN SP#=LEFT$(SP$,A-1)+"U"+RIGHT$(SP$,LEN(SP$)-A):GOTO 1700
1710 A=INSTR(SP$,CHR$(92)):IF A>0 THEN SP#=LEFT$(SP$,A-1)+"EE"+RIGHT$(SP$,LEN(SP$)-A):GOTO 1710
1720 A=INSTR(SP$,CHR$(124)):IF A>0 THEN SP#=LEFT$(SP$,A-1)+"EE"+RIGHT$(SP$,LEN(SP$)-A):GOTO 1720
1730 FOR I=1 TO LEN(SP$)
1740 A=ASC(MID$(SP$,I,1))
1750 FOR J=0 TO 1
1760 IF PH(A,J)=0 THEN 1790
1770 IF INP(&FBFE)>127 THEN 1770
1780 OUT &FBFE,PH(A,J)
1790 NEXT J,I
1800 IF INP(&FBFE)>127 THEN 1800
1810 OUT &FBFE,0
1820 RETURN
1830 ' Initialisierung der Laute
1840 DIM PH(255,1)
1850 RESTORE 2010
1860 PH(32,0)=3:PH(32,1)=0
1870 PH(33,0)=4:PH(33,1)=4
1880 PH(44,0)=4:PH(46,1)=0
1890 PH(46,0)=4:PH(46,1)=4
1900 PH(58,0)=4:PH(58,1)=4
1910 PH(59,0)=4:PH(59,1)=4
1920 PH(63,0)=4:PH(63,1)=4
1930 FOR I=65 TO 90

```

```
1940 READ PH(I,0),PH(I,1)
1950 NEXT I
1960 FOR I=97 TO 101
1970 READ PH(I,0),PH(I,1)
1980 NEXT I
1990 RETURN
2000 REM: A      B      C      D      E
      F      G
2010 DATA 24,24,28,00,42,00,17,00,12,12,
40,00,61,00
2020 REM: H      I      J      K      L
      M      N
2030 DATA 57,00,19,00,25,00,42,00,45,00,
16,00,11,00
2040 REM: O      P      Q      R      S
      T      U
2050 DATA 23,23,09,00,42,00,39,00,55,00,
17,01,31,00
2060 REM: V      W      X      Y      Z
2070 DATA 40,01,46,00,42,55,12,00,17,55
2080 REM: AU      SCH      EI      CH      EU
2090 DATA 32,00,37,00,06,00,57,00,05,00
```