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10 REM *****
20 REM MINI-SYNTH
30 REM *****
40 GOSUB 190:GOSUB 260
50 ON BREAK GOSUB 370
60 ON ERROR GOTO 370
70 A$=INKEY$:IF A$="" THEN 70
80 N=ASC(A$)-48
90 IF N<1 OR N>14 THEN GOSUB 210
100 IF N=33 THEN V=1:T=0:PAPER #1,1:CLS
#1
110 IF N=39 THEN V=2:T=1:PAPER #2,1:CLS
#2
120 IF N=21 THEN V=0:T=0:P=15:PAPER #3,1
:CLS #3
130 IF N=34 THEN V=3:T=2:PAPER #4,1:CLS
#4
140 IF N<1 OR N>14 THEN 70
150 SOUND 1,M(N),30,P,V,T
160 SOUND 2,M(N),30,P,V,T
170 SOUND 4,M(N),30,P,V,T
180 GOTO 70
190 REM SCREEN DISPLAY
200 CLS:PEN 2:DIM E$(4):LOCATE 10,2:PRIN
T "M I N I - S Y N T H":LOCATE 10,2:PE
N 1:PRINT CHR$(22);"-----
--":LOCATE 10,1:PRINT "-----
----";CHR$(22)+CHR$(0)
210 WINDOW #1,1,9,8,16:WINDOW #2,11,19,8
,16:WINDOW #3,21,29,8,16:WINDOW #4,31,39
,8,16
220 RESTORE 230:FOR T=1 TO 4:PAPER #T,3:
PEN #T,2:CLS #T:READ E$(T):PRINT #T,STRI
NG$(35," ");" ";E$(T):NEXT
230 DATA "PIANO","PEEDW","ORGAN","SPACE"
240 INK 1,6,0
250 RETURN
260 REM INITIALISATION
270 DIM M(14):FOR T=1 TO 14:READ M(T):NE
XT
280 DATA 478,426,379,358,319,284,253,239
,213,190,179,159,142,127
290 KEY DEF 32,1,58:KEY DEF 25,1,59:KEY
DEF 24,1,60:KEY DEF 16,1,61:KEY DEF 79,1
,62
300 ENV 1,15,-1,3
310 ENV 2,15,-1,3
320 ENV 3,1,15,30
330 ENT -1,15,3,3,3,-5,1
340 ENT -2,5,5,1,5,-5,1
350 RETURN
360 REM
370 REM END
380 KEY DEF 79,1,127:KEY DEF 16,1,16:KEY
DEF 24,1,94:KEY DEF 25,1,45:KEY DEF 32,
1,48:PEN 2:END

```