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38 REM wordsquare editor
39 REM(1) Computing with the Aestrad
40 REM David McLaughlin
41 REM Idea by Kevin Edwards
50 MORE 1
60 PAPER 40,10
70 GOSUB 100:REM (set) --
80 GOSUB 400:REM set up
90 WHILE overCntr=1
100 GOSUB 570:REM get key
110 REM
120 GOSUB 700:REM fill
130 LOCATE 1,20:PRINT"Do you want a p
line out (Y/N)?"
140 IF ""=WHILE (INCH="N" AND (INCH="Y" OR
INCH="n")) THEN GOTO 140:GOTO 1
150 IF (INCH="Y" THEN GOSUB 1000:REM get
ch-out

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160 LOCATE 1,20:PRINT"Do you want to
save data (Y/N)?"
170 IF ""=WHILE (INCH="N" AND (INCH="Y" OR
INCH="n")) THEN GOTO 170:GOTO 1
180 IF (INCH="Y" THEN GOSUB 1100:REM sav
e data
190 END
200 REM *** (all) ***
210 false=0:trues=1
220 ON ERROR GOTO 230
230 10100
240 disc=true:GOTO 160
250 disc=false
260 READ m,n,y
270 IF m>104 THEN PRINT"Sorry only 14
in width please":END
280 IF n>125 THEN PRINT"Sorry only 25
in height please":END

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270 DIM gr1len=2,yy=0
280 FOR loop=1 TO w+1:FOR loop2=1 TO
yy:loop2=loop,loop2+CHN(2):NEXT
loop2
290 IF w=loop THEN largest=0:GOTO 310
IF yy=0 THEN largest=yy
320 DIM word(255)
330 number=0
340 WHILE word<1:"THROW"
350 READ word:loop=loop+1:NEXT loop2
360 IF LEN(word)>1: THEN PRINT word
:" " TO large:END
370 IF LEN(word)>largest AND word<1:
"THROW" THEN PRINT word:" " will not
fit in grid:END
380 word=number+word
390 number=number+1
400 READ
410 w=2:yy=2:do:loop=0:yy=0
420 READ
430 RETURN
440 REM *** set up ***
450 CLS
460 FOR I
470 PRINT (CHN(1)+:):CHN(2):
480 FOR loop=2 TO yy+1
490 LOCATE 1,loop:PRINT CHN(2)::LOC
ATE
500 w+2,loop:PRINT CHN(2):
510 NEXT
520 LOCATE 1,yy+1:PRINT (CHN(1)+:),
CHN(2):
530 FOR loop=0 TO number-1
540 LOCATE 21,loop+1:PRINT word(1):loop
+1:NEXT
550 LOCATE 2,1:PRINT CHN(2):
560 GOTO 460
570 RETURN
580 REM *** get key ***
590 CALL WPPY,KEY,KEYC,KEYR
600 WPPY=0:WHILE WPPY<0:KEYC=KEYC+1:NEXT
610 FOR I:LOCATE 1,yy:PRINT gr1len,I
610 WPPY=0:END
620 IF W=CHN(240) THEN WPPY=1
630 IF W=CHN(241) THEN WPPY=1
640 IF W=CHN(242) THEN WPPY=1
650 IF W=CHN(243) THEN WPPY=1
660 IF W=CHN(224) AND I=1 THEN I=2
FOR I:LOCATE 21,1:PRINT CHN(22)::GOTO
610
670 IF flag=0 THEN flag=W+4:LOCATE
21,1:PRINT SPACE(21)+PRINT CHN(2)::GOTO
610
680 IF W=CHN(224) AND I=0 THEN WPPY=
WPPY:FOR I:LOCATE 21,1:PRINT CHN(22):
:GOTO 610
690 IF WPPY=2 THEN W=2:GOTO 610 IF WPPY=2
THEN W=2
700 IF W=1 THEN WPPY=1:GOTO 610 IF W=1 TO

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END WPPY
710 FOR I:LOCATE 1,yy:PRINT CHN(2):
720 IF W=0 THEN I=0:GOTO 740:LOCATE
1,1:PRINT CHN(2)::CHN(1)+LOCATE 21,
1:PRINT SPACE(21)::GOTO 610:WPPY=0:W=0
730 RETURN
740 REM *** print word ***
750 w=0:loop=0:loop2=0:yy=0:loop=0:yy=0
760 FOR loop=1 TO LEN(word)+1
770 IF gr1len>yy+1:CHN(22) AND gr1
len>yy+1:CHN(22):word(1),loop,1: TO
END I=1
780 WPPY=0
790 WPPY=0
800 NEXT
810 IF I=1 THEN I=0:PRINT CHN(1):
820 GOTO
830 w=0:loop=0:loop2=0:yy=0:loop=0:yy=0
840 FOR loop=0 TO LEN(word)+1
850 LOCATE 1,yy:PRINT I:IN word(1)+
1,loop,1:
860 gr1=loop,yy+1:IN word(1)+loop
+1,1:
870 WPPY=0:WPPY=0
880 NEXT
890 number+1
900 RETURN
910 REM *** save array ***
920 IF word=0 THEN
930 FOR I:LOCATE 21,yy+1:PRINT CHN(
42)
940 FOR I:LOCATE 21,yy+2:PRINT CHN(
342)
950 RETURN
960 REM *** fill ***
970 FOR loop=2 TO w+1:FOR loop2=1
TO yy+1
980 IF W=gr1len+loop,loop2+1:GOTO
W=gr1len+loop,loop2+1:W THEN w=0:
PRINT W+W+22+4:gr1=gr1+loop,loop
2:4:FOR I:LOCATE loop,loop2:PRINT
W
990 NEXT:GOTO
1000 RETURN
1010 REM *** print out ***
1020 FOR loop=2 TO yy+1
1030 W=0
1040 W=0:gr1=gr1+loop,loop2+CHN(22)

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1
1050 NEXT
1060 PRINT W,W
1070 NEXT
1080 RETURN
1090 REM *** save data ***
1100 IF save=0 THEN W=0:GOTO 1040
1110 LOCATE 1,1:PRINT"Input file nam
e = "
1120 IF LEN(input) THEN LOCATE 1,2:
PRINT STRING(1) characters contain pl
ase="+SPACE(22)+CHN(1):FOR loop=1 TO
1000:LOCATE 1,1:PRINT SPACE(21)::GOTO
1110
1130 GOTO 1040
1140 PRINT W,gr1len+loop,loop2
1150 NEXT:GOTO
1160 PRINT W,number
1170 FOR loop=0 TO number:PRINT W,yy+
0:GOTO 1040
1180 GOTO 1040
1190 RETURN
1200 REM *** check ***
1210 IF W=0 AND WPPY THEN flag=1:GOTO
610
1220 flag=0
1230 w=0:loop=0:loop2=0:yy=0
1240 length=LEN(word(1))
1250 v=loop+length
1260 v=loop+length
1270 IF v=0:GOTO 610 OR v=0:GOTO 610
WPPY=0:GOTO 610
1280 IF WPPY=2 OR WPPY=1 THEN I=
WPPY:GOTO 610
1290 RETURN

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