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10 REM Computer Typing Tutor
20 REM
30 REM by Mike Coombes (11/84)
40 REM
50 ON BREAK GOSUB 1270
60 MODE 1
70 INK 0,26:INK 1,2:INK 2,6:INK 3,9
80 PEN 1:PAPER 0:CLS
90 BORDER 26
100 PEN 2:INK 2,3
110 REM
120 REM START SCREEN
130 REM
140 LOCATE 7,4:PRINT "COMPUTER KEYBOARD TRAINER"
150 LOCATE 7,5:PRINT "-----"
160 PEN 1:LOCATE 7,10:PRINT "Press [I] for instructions"
170 LOCATE 8,13:PRINT "Press [T] to start test"
180 PEN 3:LOCATE 13,10:PRINT "[I]:LOCATE 14,13:PRINT [T]:PEN 1
190 i=INKEY(35):IF i=0 OR i=32 THEN 220
200 i=INKEY(51):IF i=0 OR i=32 THEN 430
210 GOTO 190
220 REM
230 REM INSTRUCTIONS
240 REM
250 MODE 2
260 INK 1,0
270 SOUND 1,100,5,7
280 PRINT "KEYBOARD TRAINER"
290 PLOT 0,370:DRAWR 640,0:PLOT 0,370:DRAWR 640,0
300 LOCATE 1,4
310 PRINT "YOU SHOULD READ THE FOLLOWING INSTRUCTIONS CAREFULLY..."
320 LOCATE 1,7
330 PRINT "This program will test you on your speed and accuracy at typing BASIC", "keywords. Over a period of time, this should help you to considerably increase", "the speed at which you can enter keywords."
340 PRINT:PRINT "A keyword will be printed on the screen, and you should type this word FIVE", "times, as quickly as you can. After typing the word each time, you must press", "the ENTER key. When you press ENTER, if the word was typed correctly, you will"
350 PRINT "hear a single beep. If there was a mistake in your typing, you will hear a", "two-tone beep. However, you will not be able to correct any mistakes (the DELETE key will be inoperative). This is to enable your typing skill to be judged more"
360 PRINT "accurately."
370 PRINT:PRINT "This process will then be repeated for ten different keywords. At the end of", "the test you will be given a report on the speed and accuracy of your typing."
380 LOCATE 1,22:PRINT "Press [ENTER] when you are ready to start..."

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390 IF INKEY$(<)CHR$(13) THEN 390
400 REM
410 REM TEST
420 REM
430 SOUND 1,100,5,7
440 INK 1,2:MODE 1
450 PRINT "KEYBOARD TRAINER"
460 PLOT 0,370:DRAWR 640,0:PLOT 0,640:DRAWR 320,0
470 t=0:z$="first":noer=0:nolet=0
480 PEN 3:LOCATE 15,10:PRINT CHR$(214); STRING$(9,143);CHR$(215):LOCATE 16,11
490 LOCATE 15,14:PRINT CHR$(213);STRING$(9,143);CHR$(212)
500 FOR f=11 TO 13:LOCATE 15,f:PRINT CHR$(143):LOCATE 25,f:PRINT CHR$(143):NEXT f
510 PEN 1
520 DIM a(38)
530 FOR q=1 TO 10
540 WHILE INKEY$(<)"":WEND
550 LOCATE 10,6:PRINT "Your ";z$;" word is..."
560 z$="next"
570 e=0
580 RESTORE 1220
590 w=INT(RND*38)+1
600 IF a(w)=9 THEN 590
610 a(w)=9
620 FOR f=1 TO w:READ w$:NEXT f
630 nolet=nolet+LEN(w$)
640 LOCATE 17,12:PRINT SPACE$(8)
650 LOCATE 17,12:PEN 2:PRINT w$
660 SOUND 1,100,2,7:FOR f=1 TO 50:NEXT
670 PEN 2
680 LOCATE 7,17:PRINT "Start when you are ready..."
690 LOCATE 7,19:PEN 2:PRINT ">":LOCATE 8,19:PEN 3:PRINT "+":PEN 1
700 LET I$=UPPER$(INKEY$):IF I$=CHR$(64) AND I$<CHR$(91) OR I$=CHR$(13) THEN 710 ELSE 700
710 PEN 1
720 FOR wrd=1 TO 5
730 type$=""
740 IF wrd=1 THEN DIM ar(5)
750 LOCATE 7,18+wrds:PEN 2:PRINT "> "
760 x=1
770 LOCATE 7+x,18+wrds:PEN 3:PRINT "+"
780 LOCATE 7+x,18+wrds:PEN 1
790 IF wrd=1 AND x=1 AND I$=CHR$(13) THEN LOCATE 7,17:PRINT SPACE$(28):SOUND 1,200,2:GOTO 830
800 IF wrd=1 AND x=1 THEN 850
810 I$=UPPER$(INKEY$):t=t+1
820 IF I$=CHR$(64) AND I$<CHR$(91) THEN 850
830 IF I$=CHR$(13) THEN LOCATE 7+x,18+wrds:PRINT "+":GOTO 890
840 GOTO 810
850 PRINT I$:SOUND 1,100,1,7
860 x=x+1:type$=type$+I$
870 IF wrd=1 AND x=2 THEN LOCATE 7,17:PRINT SPACE$(28)

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880 GOTO 770
890 SOUND 2,100,10,7:IF TYPE$=W$ THEN GOTO 920
900 e=9:er(wrd)=9:SOUND 2,200,10,7
910 noer=noer+1
920 NEXT wrd
930 IF e=0 THEN 980
940 FOR f=19 TO 24:LOCATE 7,f:PRINT " ":NEXT f
950 FOR f=1 TO 5:IF er(f)=9 THEN SOUND 1,100,5,7:LOCATE 1,18+f:PEN 2:PRINT "ERROR":CHR$(243):PEN 1:FOR q=1 TO 50:NEXT q
960 NEXT f
970 FOR f=1 TO 1000:NEXT f
980 FOR f=19 TO 23:LOCATE 1,f:PRINT SPACE$(40):NEXT f
990 LOCATE 17,9:PRINT SPC(8)
1000 ERASE er
1010 NEXT q
1020 ENT 1,150,-1,1
1030 SOUND 1,200,150,15,0,1
1040 FOR f=5 TO 24:LOCATE 1,f:PRINT SPACE$(40):NEXT f
1050 REM
1060 REM END OF TEST
1070 REM
1080 WHILE INKEY$(<)"":WEND
1090 LOCATE 13,7:PEN 2:PRINT "TEST COMPLETE":PEN 1
1100 LET ar=INT(((50-noer)/50)*100)
1110 LOCATE 9,13:PRINT "ACCURACY RATING:":LOCATE 2,6,13:PEN 2:PRINT ar;CHR$(37):PEN 1
1120 sr=INT(((300-(T/nolet))/250)*100)
1130 IF sr<0 THEN sr=0
1140 IF sr>100 THEN sr=100
1150 LOCATE 9,16:PRINT "SPEED RATING:":LOCATE 26,1,6:PEN 2:PRINT sr;CHR$(37):PEN 1
1160 LET sc=INT((sr+ar)/2)
1170 LOCATE 9,19:PRINT "OVERALL SCORE:":LOCATE 26,19:PEN 2:PRINT sc;CHR$(37):PEN 1
1180 PEN 3:INK 3,4
1190 ERASE a
1200 LOCATE 13,25:PRINT "Press [ENTER]"
1210 IF INKEY$=CHR$(13) THEN 60 ELSE 1210
1220 REM
1230 REM KEYWORD DATA
1240 REM
1250 DATA "AUTO","BORDER","CLEAR","CLS","CONT","DATA","DELETE","DIM","DRAW","DRAWR","EDIT","END","ERASE","GOSUB","GOTO","INK","INPUT","INT","LEN","LIST","MODE","NEXT","PAPER","PEN","PLOT","PRINT","READ","RENUM","RESTORE","RETURN","RUN","SAVE","SOUND"
1260 DATA "TRON","TROFF","WHILE","WEND","PRINT"
1270 REM
1280 REM BREAK PRESSED
1290 REM
1300 PAPER 0:INK 0,26:PEN 1:INK 1,0:BORDER 26
1310 MODE 2
1320 PRINT "## BREAK ##"
1330 PRINT:PRINT "Type [RUN] to restart":PRINT

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