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100 REM *****
110 REM ***** PREDICTION *****
120 REM ***** BY *****
130 REM ***** JON TARRANT *****
140 REM *****
150 :
160 REM KEY DEF 66,1,46,46,46
170 MODE 1:PAPER #0,0:BORDER 14:PEN 1
180 INK 0,0:INK 1,14:INK 2,24
190 REM *** INK NUMBER 3 IS VARIABLE; E
ITHER (INK 1) OR (INK 2) ***
200 WINDOW #1,2,40,14,25
210 FOR P=1 TO 25
220 LOCATE 1,P:PRINT CHR$(143);
230 NEXT P
240 LOCATE 13,2:PRINT " PREDICTION "
: PEN 2
250 LOCATE 16,3
260 FOR P=1 TO 10
270 PRINT CHR$(208);
280 NEXT P
290 FOR N=1 TO 2
300 LET C1=150:C2=154:C3=156
310 FOR NN= 1 TO 3
320 IF NN=3 THEN C1=147:C2=154:C3=153
330 LOCATE 2,(6+NN)+(N-1)*4
340 FOR NNN=1 TO 10
350 PRINT CHR$(C1);CHR$(C2);CHR$(C3);
360 IF NNN<>10 THEN PRINT " ";
370 NEXT NNN
380 LET C1=149:C2=143-(N-1)*111:C3=149
390 NEXT NN
400 NEXT N
420 LET RN=0
430 WHILE (STAT$<>"Q" AND STAT$<>"q")
440 PEN 2
450 FOR N=0 TO 9
460 LOCATE 3+N*4,8:PRINT CHR$(143)
470 LOCATE 3+N*4,12:PRINT CHR$(32)
480 NEXT N
490 CLS #1:INK 3,24:PEN 1
500 LET RN=RN+1
510 LOCATE 3,5:PRINT "RUN NUMBER:";RN
520 NRIGHT=0
530 FOR N=0 TO 9
540 LOCATE 3+N*4,12:PRINT CHR$(210)
550 LOCATE 4,17:PRINT "ENTER YOUR PRED
ICTION OF";STR$(N+1);
560 IF N=0 THEN PRINT "et"; ELSE IF N=
1 THEN PRINT "nd"; ELSE IF N=2 THEN PRIN
T "rd"; ELSE PRINT "th";
570 PRINT " DIGIT"
580 LOCATE 8,18:PRINT "SELECT FROM NUM

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BERS 1 TO 5";
590 LET IN$=""
600 WHILE (IN$="" OR IN$>"5" OR IN$<"1
")
610 LET IN$=INKEY$
620 WEND
630 RANDOMIZE TIME:LET CR=INT(5*RND(1)
)+1
640 LOCATE 3+N*4,12:PRINT IN$
650 PRINT CHR$(22)+CHR$(1)
660 PEN 3:LOCATE 2+N*4,8:PRINT CR:PEN
1
670 PRINT CHR$(22)+CHR$(0)
680 IF VAL(IN$)=CR THEN NRIGHT=NRIGHT+
1
690 NEXT N
700 :
710 CLS #1
720 LOCATE 5,15:PRINT " RUN NUMBER";RN
;"NOW COMPLETE "
730 INK 3,14
740 LOCATE 5,16:PRINT "YOU GOT";NRIGHT;
"CORRECT: AVERAGE IS 2":PEN 2
750 LET TOTRIGHT=TOTRIGHT+NRIGHT:EXPECT
ED=EXPECTED+2
760 LOCATE 8,21:PRINT "TOTAL CORRECT GU
ESSES:";TOTRIGHT
770 LOCATE 6,23:PRINT "EXPECTED NUMBER
CORRECT:";EXPECTED
780 LOCATE 5,18:PRINT " TYPE Q
TO END "
790 LOCATE 5,19:PRINT "PRESS ANY OTHER
KEY TO CONTINUE":PEN 1
800 LET STAT$=""
810 WHILE STAT$=""
820 LET STAT$=INKEY$
830 WEND
840 WEND
850 :
860 CLS
870 LOCATE 14,5:PEN 2:PRINT "END OF GAME
":PEN 1
880 LOCATE 5,10:PRINT "YOU CORRECTLY GUE
SSED";PEN 2:PRINT TOTRIGHT;:PEN 1:PRINT
"DIGITS"
890 LOCATE 3,12:PRINT "TOTAL EXPECTED BY
CHANCE:";:PEN 2:PRINT EXPECTED;:PEN 1:P
RINT "DIGITS"
900 LOCATE 4,20:PEN 2:PRINT "THANK YOU F
OR PLAYING PREDICTION"
910 CALL %BB18
920 CLS
930 END

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