

3-2

January 7, 1980

Mr. Robert Fabris
3626 Morrie Drive
San Jose, CA 95127

Dear Robert:

Thank you for the information you gave me on the phone the other day. I will look forward to getting my order in for the new game cassette. I appreciated your printing in the Arcadian the two games I submitted.

I have been working on BAGELS and have completed the programming on it. Please review it for a possible inclusion into the Arcadian. Bagels has been one of my favorite games. I hope you will enjoy it too. The program tape, listing, and description are enclosed.

Sincerely

296-7057

Carl Morimoto
Carl Morimoto

| | |
|--------------------------|-------------------------------------|
| PROGRAM BAGELS | PROGRAMMED BY C. Morimoto |
| ROUTINE | DATE 28-DEC-79 |
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The author is not responsible for any damage resulting directly or indirectly from the use of this program. Similarity, if existent, between this and any other product being marketed is unintentional.

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2  | . BAGELS
3  | . C. MORIMOTO 1979.
4  | .
5  | : RETURN
6  | CLEAR; NT=0; FC=66;
7  | BC=7
8  | Z=300
9  | Q=0; W=0; D=0; C=0;
10 | U=0; F=0
11 |
12 | BOX 5, -5, 80, 50, 1;
13 | BOX 5, -5, 78, 48, 3;
14 | CX=-40; CY=20; PRINT
15 | "BAGELS"
16 | BOX -26, 20, 49, 11, 3;
17 | NT=5; FOR A=1 TO 15
18 | CX=RND(3)*20-40;
19 | CY=RND(5)*8-30;
20 | FOR B=1 TO 3; TV=47+
21 | RND(10); NEXT B;
22 | NEXT A
23 | NT=0; FC=252
24 | CX=25; CY=-39; PRINT
25 | "PRESS GO"
26 | BOX 63, -39, 13, 9, 3
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Initialize (50)
screen

jump location param
statistical param

Program ID display (100)
frame

"BAGELS"

3 digit numbers

change color
"PRESS GO"

Wait for "GO" (180)
exercise RND

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|---------|--------|---------------|-------------|
| PROGRAM | BAGELS | PROGRAMMED BY | C. Morimoto |
| ROUTINE | | DATE | 28-DEC-79 |
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380 IF (@(1) = @(2)) + (@(1)
    = @(3)) + (@(2) = @(3))
    GOTO 910
500 G = G + 1; P = 0
510 FOR A = 1 TO 3
520 IF @(A) = @(A+3) P = P + 1
530 IF @(A) = @(A+4) P = P + 1
540 IF @(A) = @(A+5) P = P + 1
550 NEXT A
610 IF P = 0 PRINT " BAGEL
    S"; GOTO Z
620 IF P = 1 PRINT " PICO"
    ; GOTO Z
630 IF P <= 3 PRINT " PICO
    -PICO"; GOTO Z
640 IF P = 4 PRINT " FERMI
    "; GOTO Z
650 IF P < 7 PRINT " FERMI
    -PICO"; GOTO Z
660 PRINT " FERMI-FERMI"
670 PRINT " GAME GUESS? "
    ; A = KP
680 IF (A = 13) = (A = 49) GOTO
    700
690 PRINT " NO " ; NT = 30;
    MU = 20; MU = 18; MU = 18;
    GOTO Z

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check for dupl. digits
Compare numbers (500)
Inc. guess count; init resp.
Check 3 digits for
FERMI
PICO
PICO
Display Response (610)
BAGELS
PICO
PICO-PICO
FERMI
FERMI-PICO
FERMI-FERMI
GAME GUESS?
check for 60 or 1
not game guess

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|---------|--------|---------------|--------------|
| PROGRAM | BAGELS | PROGRAMMED BY | C. Mori moto |
| ROUTINE | | DATE | 28-DEC-79 |
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700 CX=CX-12; PRINT "A";
PRINT; IF P#12 GOTO
740
710 PRINT "YOU GOT IT";
W=W+1; BC=155
720 NT=8; A=48; MU=99;
MU=53; MU=A; MU=49;
MU=A; MU=A; MU=A
730 MU=50; MU=49; MU=50;
MU=51; MU=A; MU=51;
MU=A; MU=51; MU=A;
GOTO 790
740 PRINT "SORRY, WRONG
NUMBER"; D=D+1;
BC=66; GOTO 760
750 PRINT; PRINT; PRINT
"GAVE UP"; BC=123
760 PRINT "CORRECT NUMBE
R WAS", #1, @(A), @(5)
, @(6)
770 NT=10; MU=51; MU=45;
MU=51; MU=51; MU=45;
MU=51; MU=51
780 MU=99; MU=55; MU=50;
MU=49; MU=99; MU=54;
MU=48; MU=48
790 NT=0
800 C=C+G; IF W=0 GOTO
860
810 U=C/W; F=(RMX10)/W

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Game Guess (700)
check for true #

You won

You Lost

Gave up

Right #

Print Statistics (800)

cum. # guesses

calc. ave.

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8.2.0 PRINT "STAT. AFTER, G
AME, #", #2, Q
8.3.0 PRINT "  #  GAMES WON
. . . . .", #2, W
8.4.0 PRINT "  #  GAMES LOS
T. . . . .", #2, D
8.5.0 PRINT "  AVE. # GUESS
ES. . . . .", #2, U, ". ", #1, F
8.6.0 GOTO 1.8.0

9.0.0 PRINT "INPUT ERROR"
. . . GOTO 9.2.0
9.1.0 PRINT "DUPLICATE DI
GITS"
9.2.0 NT=5; FOR A=1 TO 10;
MU=87; MU=84; NEXT A
9.3.0 GOTO Z

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Game #, Q

Won, W

Lost, D

Ave, U, F

To Wait Loop

Error Messages (9.0.0)
non-numeric entry

duplicate digits

Go back to Input