MICROMART

PROGRAMS

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170 REM ---- SEARCH/REPLACE CHR. -----
180 DATA 33,0,208,6,25,197,6,40,126
190 DATA 254,0,32,2,54,0,35,16,246,193
200 DATA 16,240,201
210 REM ---- EXPLOSION EFFECT --------
220 DATA 6,0,33,0,208,197,6,25,197,6
230 DATA 40,126,60,119,35,16,250,193
240 DATA 16,244,193,16,235,201
250 REM ---- ROTATE/SCROLL LEFT ------
260 DATA 17,0,208,33,1,208,6,25,197,1
270 DATA 39,0,26,0,237,176,18,35,19
280 DATA 193,16,242,201,0,0,0
290 REM ---- ROTATE/SCROLL RIGHT ----
300 DATA 17,231,211,33,230,211,6,25
310 DATA 197,1,39,0,26,0,237,184,18,43
320 DATA 27,193,16,242,201,0,0,0
330 REM ---- ROTATE/SCROLL DOWN -----
340 DATA 17,231,211,213,225,6,40,126,0
350 DATA 245,43,16,250,1,192,3,237,184
360 DATA 6,40,35,241,119,16,251,201
370 REM ---- ROTATE/SCROLL UP -------
380 DATA 17,0,208,213,225,6,40,126,0
390 DATA 245,35,16,250,1,192,3,237,176
400 DATA 6,40,43,241,119,16,251,201
410 INPUT N:PRINT"❚"
420 FOR X=1 TO 10
430 LET Y=X/6.3/N
440 FOR Z=6.3/N TO 6.3 STEP 6.3/N
450 LET P=40:Q=0
460 LET I=40+(30*SIN(Z+X))
470 LET J=25+(15*COS(Z+X))
480 GOSUB 690
490 LET P=40+(30*SIN(Z+X+6.3/N))
500 LET Q=25+(15*COS(Z+X+6.3/N))
510 GOSUB 690
520 NEXT Z
530 LET D=53075-X*1000
540 POKE 53081,D-INT(D/256)*256
550 POKE 53082,INT(D/256)
560 POKE 53089,0
570 USR(53075)
580 PRINT"❚"
590 NEXT X
600 POKE 53089,235
610 FOR X=1 TO 10
620 LET D=53075-X*1000
630 POKE 53081,D-INT(D/256)*256
640 POKE 53082,INT(D/256)
650 USR(53075)
660 NEXT X
670 RUN 610
680 STOP
690 LET A=SQR((P-I)*(P-I)+(Q-J)*(Q-J))
700 FOR D=1 TO INT(A)
710 SET P-(P-I)*D/A,Q-(Q-J)*D/A
720 NEXT D
730 RETURN
```