

Listing 1

```
10 MODE 2
20 PLOT 228,236,1:DRAWR 150,0:DRAWR
   0,22:DRAWR -150,0:DRAWR 0,-22
30 LOCATE 30,10
40 PRINT "How about this?"
50 FOR t%=1 TO 80
60 FOR n%=30 TO 45:UP,n%,10:NEXT
70 NEXT t%
80 LOCATE 30,10
90 PRINT "Or this?"
100 FOR t%=1 TO 80
110 FOR n%=30 TO 38:DOWN,n%,10:NEXT
120 NEXT t%
130 LOCATE 30,10
140 PRINT "What do you think?"
150 FOR t%=1 TO 160
160 FOR n%=30 TO 34:LEFT,n%,10:NEXT
170 FOR n%=35 TO 36:UP,n%,10:NEXT
180 FOR n%=38 TO 40:DOWN,n%,10:NEXT
190 FOR n%=42 TO 47:RIGHT,n%,10:NEXT
200 NEXT t%
```

Listing 2

```
60 MEMORY 41999
70 linenumber=210:address=42000
80 FOR n=1 TO 53
90 count=0
100 FOR i=0 TO 7
110 READ a$:POKE address,VAL("&"+a$)
120 address=address+1
130 count=count+VAL("&"+a$)
140 NEXT i
150 READ check$:check=VAL("&"+check$)
160 IF count<>check THEN PRINT
   "Error in line";linenumber:END
170 linenumber=linenumber+10
180 NEXT n
190 CALL 42000:PRINT "Initialised"
200 END
210 DATA 01,86,A5,21,1E,A5,CD,D1,3AE
220 DATA BC,C9,CD,D5,A4,22,1C,A5,4AE
230 DATA 2A,1C,A5,11,0C,A5,06,08,1B
240 DATA C5,7E,12,01,00,08,09,30,197
250 DATA 04,01,50,C0,09,13,C1,10,202
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260 DATA EF,2A,1C,A5,11,0C,A5,3A,2D6
270 DATA 13,A5,77,01,00,08,09,06,147
280 DATA 07,C5,1A,77,01,00,08,09,16F
290 DATA 30,04,01,50,C0,09,13,C1,222
300 DATA 10,EF,C9,CD,D5,A4,22,1C,44C
310 DATA A5,2A,1C,A5,11,14,A5,06,260
320 DATA 08,C5,7E,12,01,00,08,09,16F
330 DATA 30,04,01,50,C0,09,13,C1,222
340 DATA 10,EF,2A,1C,A5,06,07,C5,2BC
350 DATA 01,00,08,09,30,04,01,50,97
360 DATA C0,09,C1,10,F2,3A,14,A5,37F
370 DATA 77,2A,1C,A5,11,15,A5,06,233
380 DATA 07,C5,1A,77,01,00,08,09,16F
390 DATA 30,04,01,50,C0,09,13,C1,222
400 DATA 10,EF,C9,CD,D5,A4,01,00,40F
410 DATA 08,ED,42,06,08,C5,01,00,20B
420 DATA 08,09,CB,0E,C1,10,F6,C9,37A
430 DATA CD,D5,A4,01,00,08,ED,42,37E
440 DATA 06,08,C5,01,00,08,09,CB,1B0
450 DATA 06,C1,10,F6,C9,DD,6E,00,3E1
460 DATA DD,66,02,2D,25,CD,1A,BC,33A
470 DATA C9,CD,F5,A4,06,08,21,22,380
480 DATA A5,C5,CD,00,A5,23,CD,F5,4C1
490 DATA A4,C1,10,F5,C9,3E,0D,CD,44B
500 DATA 5A,BB,3E,0A,CD,5A,BB,C9,408
510 DATA 7E,FE,23,28,06,CD,5A,BB,3AF
520 DATA 23,18,F5,C9,00,00,00,00,1F9
530 DATA 00,00,00,00,00,00,00,00,0
540 DATA 00,00,00,00,00,00,00,00,0
550 DATA 00,00,54,68,65,20,63,6F,213
560 DATA 6D,6D,61,6E,64,73,20,61,301
570 DATA 72,65,20,3A,23,7C,55,248
580 DATA 50,2C,78,2C,79,2E,23,7C,266
590 DATA 44,4F,57,4E,2C,78,2C,79,281
600 DATA 2E,23,7C,4C,45,46,54,2C,224
610 DATA 78,2C,79,2E,23,7C,52,49,285
620 DATA 47,48,54,2C,78,2C,79,2E,25A
630 DATA 23,23,41,6C,6C,20,63,6F,251
640 DATA 6D,6D,61,6E,64,73,20,75,315
650 DATA 73,65,20,63,68,61,72,61,2F7
660 DATA 63,74,65,72,20,63,6F,2D,2CD
670 DATA 6F,72,64,73,1E,23,97,A5,345
680 DATA C3,5B,A4,C3,1A,A4,C3,C0,4C6
690 DATA A4,C3,AB,A4,C3,E1,A4,55,553
700 DATA D0,44,4F,57,CE,4C,45,46,35F
710 DATA D4,52,49,47,48,D4,48,45,35F
720 DATA 4C,D0,00,00,00,00,00,00,11C
730 DATA 00,00,00,00,00,00,00,00,0
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