

TUMBLE
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Tumble is a game program for the Color Computer with 16K or more of memory and a joystick. The program works by reading the data statements and poking them to memory to create a machine language routine. Since almost the whole game takes place in machine language, things can move a lot quicker and smoother than in BASIC.

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10 REM TUMBLERS BY A. PAKERSKI
20 CLEAR 200,12286
30 CLS :PRINT@10,"TUMBLERS"
40 PRINT@96,"USE YOUR JOYSTICK T
O AVOID":PRINT"A COLLISION WITH
THE TUMBLERS.":PRINT"ONE HIT AND
YOUR CRAFT IS DESTROYED!"
:PRINT"YOUR SCORE WILL BE BASED
ON THE AMOUNT OF TIME YOU MANAGE
TO STAY ALIVE."
50 FOR X=15360 TO 16034:READ N:P
OKE X,N:CV=CV+N:NEXT
60 IFCV<>75907 THEN CLS :PRINT"
SORRY BUT YOU SEEM TO HAVE A
TYPING ERROR IN ONE OF THE
DATA STATEMENTS. PLEASE
FIX THE ERROR.":STOP
70 PRINT:PRINT"PRESS ENTER TO ST
ART":INPUT B$
80 CLS:INPUT"ENTER SPEED (1-100)
":S
90 IF S<1 OR S>100 THEN SOUND1,1
O:GOTO80
100 S=100-S:POKE 15734,S
110 CLS(0) :PRINT @138,"STAND BY
!":SOUND40,20
120 EXEC 15360
130 YA=PEEK(16041):IF YA<3 THEN
YA=3
140 AD=YA*32+INT(PEEK(16040)/4)+
12288
150 FOR M=1 TO 20
160 POKE AD,RND(255)
170 POKE AD+32,RND(255):POKE AD-
32,RND(255)
180 SOUND (21-M)*5,1
190 NEXT
200 FOR W=65478 TO 65490 STEP 2:
POKE W,0 :NEXT :POKE65481,0
210 POKE 65472,0 :POKE65474,0 :P
OKE 65476,0
220 POKE 65314,PEEK(65314) AND 7
)
230 T=PEEK(16050)*256+PEEK(16051
)
240 CLS:PRINT"YOUR SCORE WAS ";T

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250 PRINT
260 PRINT "NUMBER OF TUMBLERS ON
SCREEN WHEN HIT WAS ";PEEK(1
6044)+1
270 PRINT "PLAY AGAIN? Y/N";
280 I$=INKEY$:IF I$="Y"THEN GOTO
80
290 IF I$="" THEN GOTO 280
300 CLS:END
310 REM*****DATA*****
320 DATA 189,60,131,189,62,133,1
27,62,177,127
330 DATA 62,178,127,62,179,134,1
,183,62,172
340 DATA 127,62,171,134,128,183,
62,170,189,62
350 DATA 17,189,61,15,189,61,125
,189,61,117
360 DATA 189,62,146,127,62,176,1
22,62,176,142
370 DATA 62,180,166,132,176,62,1
68,39,10,129
380 DATA 1,39,6,129,255,39,2,32,
17,166
390 DATA 1,176,62,169,16,39,0,52
,129,1
400 DATA 39,48,129,255,39,44,48,
6,124,62
410 DATA 176,182,62,176,177,62,1
72,38,209,189
420 DATA 62,0,182,62,174,132,127
,38,178,182
430 DATA 62,174,187,62,168,183,6
2,174,182,62
440 DATA 172,129,20,39,3,124,62,
172,32,157
450 DATA 57,79,183,255,198,183,2
55,200,183,255
460 DATA 202,183,255,205,183,255
,207,183,255,208
470 DATA 183,255,210,182,255,34,
132,7,138,192
480 DATA 183,255,34,183,255,197,
183,255,194,183
490 DATA 255,192,142,48,0,111,12
8,140,60,0
500 DATA 38,249,57,182,62,162,13
2,127,183,62
510 DATA 162,132,3,183,62,165,18
2,62,163,43
520 DATA 4,129,95,47,5,132,63,18
3,62,163
530 DATA 198,32,61,253,62,166,24
6,62,162,84
540 DATA 84,79,243,62,166,195,48
,0,31,1

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550 DATA 182,62,164,132,192,198,
192,247,62,167
560 DATA 246,62,165,39,11,68,68,
116,62,167
570 DATA 116,62,167,90,32,243,24
6,62,167,83
580 DATA 228,132,183,62,167,250,
62,167,231,132
590 DATA 57,182,62,168,183,62,16
2,182,62,169
600 DATA 183,62,163,182,62,171,1
83,62,164,189
610 DATA 61,83,173,159,160,10,18
2,1,90,72
620 DATA 38,2,134,1,183,62,168,1
82,1,91
630 DATA 38,2,134,1,183,62,169,1
82,62,170
640 DATA 183,62,164,182,62,168,1
83,62,162,182
650 DATA 62,169,183,62,163,189,6
1,83,57,124
660 DATA 62,162,189,60,183,122,6
2,162,122,62
670 DATA 163,189,60,183,124,62,1
63,124,62,163
680 DATA 189,60,183,122,62,162,1
22,62,163,189
690 DATA 60,183,57,142,31,64,48,
31,38,252
700 DATA 57,127,62,173,142,62,18
0,182,62,171
710 DATA 183,62,164,52,16,189,61
,205,53,16
720 DATA 189,62,0,182,62,175,132
,15,38,2
730 DATA 108,132,166,132,171,2,1
32,127,167,132
740 DATA 166,1,171,3,132,63,167,
1,166,5
750 DATA 76,132,3,167,5,166,4,18
3,62,164
760 DATA 52,16,189,61,205,53,16,
48,6,124
770 DATA 62,173,182,62,173,177,6
2,172,47,183
780 DATA 57,166,132,183,62,162,1
66,1,183,62
790 DATA 163,52,16,189,60,183,53
,16,166,5
800 DATA 38,5,122,62,163,32,21,1
29,1,38
810 DATA 5,124,62,162,32,12,129,
2,38,5
820 DATA 124,62,163,32,3,122,62,
162,189,60

830 DATA 183,57,182,62,174,72,72
,72,184,62
840 DATA 174,72,121,62,175,121,6
2,174,57,198
850 DATA 20,142,62,180,52,20,189
,62,35,53
860 DATA 20,48,6,90,38,244,57,11
1,132,189
870 DATA 62,0,189,62,0,189,62,0,
189,62
880 DATA 0,189,62,0,182,62,174,1
32,63,167
890 DATA 1,189,62,0,189,62,0,246
,62,174
900 DATA 196,3,189,62,0,182,62,1
74,132,128
910 DATA 39,1,80,193,0,39,230,23
1,2,189
920 DATA 62,0,189,62,0,246,62,17
4,196,3
930 DATA 189,62,0,182,62,174,132
,128,39,1
940 DATA 80,193,0,39,230,231,3,1
34,255,167
950 DATA 4,189,62,0,189,62,0,182
,62,174
960 DATA 132,3,167,5,57,142,56,3
2,134,85
970 DATA 167,128,140,56,96,38,24
9,57,252,62
980 DATA 178,195,0,1,253,62,178,
39,1,57
990 DATA 124,62,177,57,255

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