



Digitaya

```

6090 REM **** READ ARRAY DATA S/R ****
6100 REM ** READ INVENTORY **
6110 DIM IV$(8,2),IC$(4)
6120 FOR C=1 TO 8
6130 READ IV$(C,1),IV$(C,2)
6140 NEXT C
6150 :
6160 REM ** READ LOCATION & EXIT DATA **
6170 DIM LN$(55),EX$(55)
6180 C1=0:C2=0:REM INITIALISE CHECKSUMS
6190 FOR C=1 TO 54
6200 READ LN$(C),EX$(C)
6210 C1=C1+VAL(LEFT$(EX$(C),4))
6220 C2=C2+VAL(RIGHT$(EX$(C),4))
6230 NEXT C
6240 READ CA:IFCA<>C1 THEN PRINT "CHECKSUM ERROR":STOP
6250 READ CB:IFCB<>C2 THEN PRINT "CHECKSUM ERROR":STOP
6260 RETURN
6270 REM **** INVENTORY DATA ****
6280 DATA ADDRESS NUMBER,45,KEY,34,LASER SHIELD,25
6290 DATA TICKET TO THE TRI-STATE,26,DATA CREDIT CARD,28
6300 DATA DIGITAYA,30,CODE BOOK,19,BUFFER ACTIVATING DEVICE,13
6310 :
6320 REM **** LOCATION & EXIT DATA ****
6330 DATA IN THE TV OUTLET,00000000
6340 DATA IN THE USER PORT,00090100
6350 DATA IN THE CASSETTE PORT,00110000
6360 DATA IN THE JOYSTICK PORT,00130000
6370 DATA IN A TRI-STATE DEVICE,00170000
6380 DATA IN THE ARITHMETIC & LOGIC UNIT,00310016
6390 DATA AT THE GATEWAY TO MEMORY,00490000
6400 DATA ON THE I/O HIGHWAY,09000001
6410 DATA ON THE I/O HIGHWAY,10000802
6420 DATA ON THE I/O HIGHWAY,11000900
6430 DATA ON THE I/O HIGHWAY,12001003
6440 DATA ON THE I/O HIGHWAY,13531100
6450 DATA ON THE I/O HIGHWAY,14001204
6460 DATA ON THE I/O HIGHWAY,15001300
6470 DATA ON THE I/O HIGHWAY A SIGN SAYS 'S OUT H',00001400
6480 DATA IN THE DATA REGISTER,00061700
6490 DATA ON AN 8 LANE HIGHWAY,16001805
6500 DATA ON AN 8 LANE HIGHWAY,17001900
6510 DATA ON AN 8 LANE HIGHWAY,18002000
6520 DATA ON AN 8 LANE HIGHWAY,19292100
6530 DATA ON AN 8 LANE HIGHWAY,20282200
6540 DATA ON AN 8 LANE HIGHWAY,21272300
6550 DATA ON AN 8 LANE HIGHWAY,22262400
6560 DATA ON AN 8 LANE HIGHWAY,23250000
6570 DATA IN THE CHARACTER MATRIX,26360024
6580 DATA HIGH IN THE MEMORY,27352523
6590 DATA IN THE MIDDLE OF MEMORY,28342622
6600 DATA IN THE MIDDLE OF MEMORY,29332721
6610 DATA LOW IN THE MEMORY,00542820
6620 DATA IN THE ACCUMULATOR'S LAIR,00000600
6630 DATA IN A LONG CORRIDOR,00420006
6640 DATA IN AN INDEX REGISTER,31000000
6650 DATA LOW IN THE MEMORY,54403428
6660 DATA IN THE MIDDLE OF MEMORY,33393527
6670 DATA HIGH UP IN MEMORY,34383626
6680 DATA IN THE CHARACTER MATRIX,35370025
6690 DATA IN A RANDOM VECTOR TABLE,00000000
6700 DATA HIGH IN MEMORY OVERLOOKING A HIGHWAY,39003735
6710 DATA IN THE MIDDLE OF MEMORY,40003834
6720 DATA IN MEMORY - TO THE EAST IS A GATEWAY,41003933
6730 DATA LOW IN MEMORY,00004054
6740 DATA IN A CORRIDOR,00430031
6750 DATA IN A CORRIDOR,00440042
6760 DATA IN A CORRIDOR,00004543
6770 DATA IN THE ADDRESS REGISTER,00004600
6780 DATA ON A 16 LANE HIGHWAY,45004700
6790 DATA ON A 16 LANE HIGHWAY,46004800
6800 DATA ON A 16 LANE HIGHWAY,47004900
6810 DATA ON A 16 LANE HIGHWAY A LARGE GATE LOOMS TO THE WEST,48005007
6820 DATA ON A 16 LANE HIGHWAY,49005100
6830 DATA ON A 16 LANE HIGHWAY,50005200
6840 DATA ON A 16 LANE HIGHWAY,51000000
6850 DATA IN A VECTOR TO MEMORY,00290012
6860 DATA LOW IN MEMORY,00413329
6870 REM ** CHECKSUM DATA **
6880 DATA 100169,103973

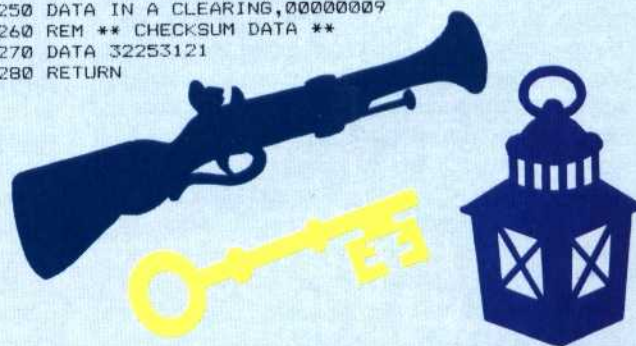
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Haunted Forest

```

6000 REM **** READ OBJ & MAP DATA ****
6010 DIM IV$(3,2),LN$(10),EX$(10),IC$(2)
6020 FOR C=1 TO 3
6030 READ IV$(C,1),IV$(C,2)
6040 NEXT C
6050 :
6060 FOR C=1 TO 10
6065 READ LN$(C),EX$(C)
6070 CC=CC+VAL(EX$(C)):REM CHECKSUM TOTAL
6080 NEXT C
6090 :
6100 READ CD:IFCD<>CC THEN PRINT "CHECKSUM ERROR":STOP
6110 :
6120 REM ** OBJECT DATA **
6130 DATA GUN,10,LAMP,9,KEY,5
6140 :
6150 REM ** MAP DATA **
6160 DATA NEAR A TUNNEL ENTRANCE,00000900
6170 DATA IN A SWAMP,00000000
6180 DATA IN A VILLAGE,07000000
6190 DATA NEAR A TUNNEL ENTRANCE,05060000
6200 DATA ON A PATH,00020400
6210 DATA ON A PATH,02070004
6220 DATA ON A PATH,08000306
6230 DATA ON A PATH,09000702
6240 DATA ON A PATH,01100800
6250 DATA IN A CLEARING,00000009
6260 REM ** CHECKSUM DATA **
6270 DATA 32253121
6280 RETURN

```



Basic Flavours

Our listings were written for the Commodore 64. The following changes need to be made for these machines:

Spectrum:

For the Digitaya listing, make these alterations:

```

6110 DIM VS(8,2,24):DIM IS(4,24)
6170 DIM LS(55,52):DIM ES(55,8)
6200 READ LS(C),ES(C)
6210 LET C1=C1+VAL(ES(C)(TO 4))
6220 LET C2=C2+VAL(ES(C)(LEN(ES(C))-3 TO))

```

In addition, all the DATA values must be enclosed in quotes, except for the checksum data on line 6880. For the Haunted Forest listing, make these alterations:

```

6010 DIM VS(3,2,5):DIM LS(10,22)
6015 DIM ES(10,8):DIM IS(2,5)
6030 READ VS(C,1)VS(C,2)
6065 READ LS(C),ES(C)
6067 LET CC=0
6070 LET CC=CC+VAL(ES(C))

```

In addition, all the DATA values must be enclosed in quotes, except for the checksum data on line 6270.

BBC Micro:

The following line must be added to the Haunted Forest listing:

```
6067 CC=0
```

No changes need be made to the Digitaya listing.