

# TREASURE ISLAND

		Replay		Start
West	North	( Map )	South	East

## Description

Jump in parachute onto an island and find quickly the treasure.  
You have map and compass but you don't know where you've landed.  
The strategy is to locate yourself in the map as you proceed.  
Staying twice in the sea means being swept by the waves and being eaten by sharks.

To start [2nd][E']

- ```

1 - Select the island
2 - Print the map
3 - Jump onto the island
You are informed about what you see.

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To move          Direction/[Key]
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                  North/[B]
West/[A]         East/[E]
                  South/[D]

```

At each step,  
you are informed about where you are.

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You can view again the current map from key [C]
or replay on the same island with [2nd][C'].
More information on file 'Read-me.txt'.
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# THE EXISTENCE THEOREM

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LBL YX RCL 19 * 02 + 02 00 = STO 08 RCL 18 X/T 04 GE LOG
OP 28 05 INV SUM 18
LBL LOG RC* 08 / ( 01 00 - 02 * RCL 18 ) INV LOG STO 14 = STO 17 INV INT INV
SUM 17 * 01 00 00 = STO 16 INT INV SUM 16 RTN
LBL SQR OP 51 INV INT * 01 00 = INT RTN
LBL D' 02 00 02 00 02 00 02 00 02 00 02 00 OP 02 OP 03 04 07 02 00 OP 01 02 00 04
07 * 06 INV LOG = OP 04 OP 05 RTN
LBL B' 03 00 . 03 02 04 01 03 01 03 07 STO 40 01 05 . 01 03 04 02 01 07 00 00
STO 41 02 07 . 01 03 02 06 01 07 00 00 STO 42 04 03 . 01 03 03 07 01 07 03 05
STO 43 03 05 . 03 02 01 05 02 06 00 00 STO 44 07 05 . 04 03 03 02 03 02 01 06
STO 45 02 00 STO 00
LBL 1/X 07 05 07 05 07 05 07 05 07 05 ST* 00 . 01 SM* 00 OP 20 RCL 00 X/T 03
09 GE 1/X
03 01 INV SUM 30 04 04 STO 00
LBL X2 RC* 00 INT STO 04 RCL 00 - 03 09 = STO 03
LBL STA SBR SQR STO 18 SBR SQR STO 19 SBR YX X/T 07 05 INV EQ STA
RCL 04 SUM 16 RCL 16 / 01 00 00 + RCL 17 = * RCL 14 = ST* 08 DSZ 03 STA
OP 30 04 00 X/T RCL 00 GE X2

// ##### SEE AGAIN THE MAP #####
LBL C ADV OP 00 03 00 01 03 03 03 OP 01 03 01 00 00 00 00 00 OP 04 OP 05 OP 00
04 03 00 00 04 07 00 00 01 07 OP 04 OP 05 03 06 00 00 00 00 OP 04 OP 05 D' 06
02 00 00 OP 01 * 04 INV LOG = OP 04 02 00 STO 00
LBL AVR RC* 00 + . 01 = INT OP 02 OP 20 RC* 00 + . 01 = INT OP 03 OP 05 OP 20
RCL 00 X/T 03 09 GE AVR
D' CLR RTN

// ##### SAME MAP #####
LBL C' SBR SQR STO 01 SBR SQR STO 02 + RCL 01 / 01 00 = STO 13 CLR STO 06 04
07 STO 15 OP 00 03 06 03 07 01 07 03 03 OP 01 02 01 02 04 01 07 02 07 01 06
OP 04 OP 05 INV STF 01
LBL LNX RCL 01 STO 18 RCL 02 STO 19 SBR YX X/T 04 04 EQ /
04 06 STO 05
LBL * OP 35 RC* 05 INT INV EQ *
OP 00 RCL 15 OP 01 RC* 05 * 08 INV LOG = INV EE OP 04 OP 05 OP 26 RCL 06 PAU
SBR DEG R/S

// ##### WEST #####
LBL A 04 03 STO 15 OP 31 GTO =

// ##### NORTH #####
LBL B 03 01 STO 15 OP 32 GTO =

// ##### SOUTH #####
LBL D 03 06 STO 15 OP 22 GTO =

// ##### EST #####
LBL E 01 07 STO 15 OP 21

// ##### TEST IF IS IN THE WATER #####
LBL = CP RCL 01 INV GE -
RCL 02 INV GE -
01 00 X/T RCL 01 GE -
RCL 02 INV GE LNX

// ##### IN OCEAN #####
LBL - OP 00 RCL 15 OP 01 03 06 01 07 01 03 00 00 07 03 OP 03 OP 05 IFF 01 SIN
STF 01 OP 26 RCL 06 PAU SBR DEG R/S

// ##### LOST #####

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+-----+
LBL SIN 03 01 03 02 03 07 00 00 01 06 OP 03 03 02 00 00 02 04 03 07 04 00 OP
04 SBR COS 01 04 OP 69 PGM 15 6 A R/S

// ##### YOU GOT TREASURE #####
LBL COS 04 05 03 02 04 01 OP 01 00 00 01 06 02 04 01 06 00 00 OP 02 ADV OP 05
OP 00 ADV 03 06 OP 02 03 07 01 03 03 05 03 07 02 00 OP 03 OP 05 RCL 13 FIX 01
PRT INV FIX 03 06 OP 02 03 07 01 07 03 03 03 06 02 00 OP 03 OP 05 RCL 06 PRT
RTN

// ##### WON #####
LBL / 02 04 03 07 00 00 07 03 00 00 OP 03 00 00 00 00 00 00 00 00 00 OP 04
SBR COS 01 04 OP 69 PGM 15 5 A R/S

// ##### NEW MAP #####
LBL E' OP 59 ( 01 09 09 . 00 01 07 + OP 51 ) = * 03 INV LOG = INT STO 09 A'
B' GTO C'
R/S

// ##### DISPLAY W N S E #####
LBL DEG 04 03 00 00 03 01 00 00 00 00 OP 03 00 00 03 06 00 00 01 07 00 00 OP
04 OP 55 RTN

// ##### DISPLAY TITLE #####
LBL A' 00 00 03 07 03 05 01 07 01 03 OP 03 03 06 04 01 03 05 01 07 00 00 OP
04 OP 55 PAU PAU 00 00 00 00 02 04 03 06 02 07 OP 03 01 03 03 01 01 06 00 00
00 00 OP 04 OP 55 PAU PAU RTN
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| L A B E L S | Adr | Branch.    | Reg. | Instr.     |
|-------------|-----|------------|------|------------|
| 001 45 YX   | -   | 555 77 GE  | 00   | 192 42 STO |
| 025 28 LOG  | -   | 560 77 GE  |      | 206 72 ST* |
| 063 34 SQR  | -   | 567 77 GE  |      | 210 74 SM* |
| 075 19 D'   | *   | 482 67 EQ  |      | 214 43 RCL |
| 111 17 B'   | /   | 468 67 EQ  |      | 228 42 STO |
| 195 35 1/X  | =   | 519 61 GTO |      | 232 73 RC* |
| 231 33 X2   | =   | 529 61 GTO |      | 237 43 RCL |
| 246 78 STA  | =   | 539 61 GTO |      | 291 43 RCL |
| 296 13 C    | 1/X | 219 77 GE  |      | 360 42 STO |
| 363 79 AVR  | A   | 644 11 A   |      | 364 73 RC* |
| 399 18 C'   | A   | 756 11 A   |      | 375 73 RC* |
| 454 23 LNX  | A'  | 783 16 A'  |      | 388 43 RCL |
| 475 65 *    | AVR | 393 77 GE  |      |            |
| 512 11 A    | B'  | 784 17 B'  | 01   | 402 42 STO |
| 522 12 B    | C'  | 785 61 GTO |      | 409 43 RCL |
| 532 14 D    | COS | 635 71 SBR |      | 455 43 RCL |
| 542 15 E    | COS | 747 71 SBR |      | 552 43 RCL |
| 550 95 =    | D'  | 344 19 D'  |      | 565 43 RCL |
| 575 75 -    | D'  | 395 19 D'  |      |            |
| 610 38 SIN  | DEG | 508 71 SBR | 02   | 406 42 STO |
| 647 39 COS  | DEG | 606 71 SBR |      | 459 43 RCL |
| 722 55 /    | LNX | 572 77 GE  |      | 557 43 RCL |
| 759 10 E'   | LOG | 016 77 GE  |      | 569 43 RCL |
| 789 60 DEG  | SIN | 596 87 IFF |      |            |
| 818 16 A'   | SQR | 247 71 SBR | 03   | 243 42 STO |
|             | SQR | 251 71 SBR |      |            |
|             | SQR | 400 71 SBR | 04   | 235 42 STO |
|             | SQR | 404 71 SBR |      | 263 43 RCL |
|             | STA | 261 67 EQ  |      |            |
|             | STA | 283 97 DSZ | 05   | 472 42 STO |
|             | X2  | 293 77 GE  |      | 478 73 RC* |
|             | YX  | 255 71 SBR |      | 490 73 RC* |
|             | YX  | 463 71 SBR |      |            |
|             |     |            | 06   | 418 42 STO |
|             |     |            |      | 505 43 RCL |
|             |     |            |      | 603 43 RCL |
|             |     |            |      | 717 43 RCL |
|             |     |            | 08   | 010 42 STO |
|             |     |            |      | 026 73 RC* |
|             |     |            |      | 281 72 ST* |
|             |     |            | 09   | 781 42 STO |
|             |     |            | 13   | 415 42 STO |
|             |     |            |      | 692 43 RCL |
|             |     |            | 14   | 040 42 STO |
|             |     |            |      | 278 43 RCL |
|             |     |            | 15   | 422 42 STO |
|             |     |            |      | 486 43 RCL |

|    |            |
|----|------------|
|    | 515 42 STO |
|    | 525 42 STO |
|    | 535 42 STO |
|    | 545 42 STO |
|    | 578 43 RCL |
| 16 | 055 42 STO |
|    | 059 44 SUM |
|    | 265 44 SUM |
|    | 267 43 RCL |
| 17 | 043 42 STO |
|    | 048 44 SUM |
|    | 274 43 RCL |
| 18 | 012 43 RCL |
|    | 022 44 SUM |
|    | 035 43 RCL |
|    | 249 42 STO |
|    | 457 42 STO |
| 19 | 002 43 RCL |
|    | 253 42 STO |
|    | 461 42 STO |
| 30 | 224 44 SUM |
| 40 | 123 42 STO |
| 41 | 136 42 STO |
| 42 | 149 42 STO |
| 43 | 162 42 STO |
| 44 | 175 42 STO |
| 45 | 188 42 STO |