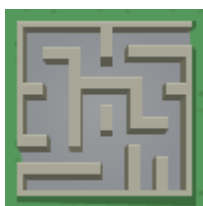


7.1 Challenge 1: The Minotaur's Maze



Location and Time: Ancient Greece, 1705 BC

Story:

Logonator has travelled back in time to Ancient Greece to interrupt the time continuum. He rules over the city of Athens and each year he sends a young child to the island of Crete to be eaten by the minotaur - the awful monster that King Minos keeps as a pet in his labyrinth. But this child will grow up to be an important inventor. He must be saved!

Your mission is to lead the child through the Minotaur's maze to safety to protect the future.

Teaching points:

Use FD, RT and LT commands to navigate through the maze.

Use of degrees to turn - only 90° in this challenge.

Building up the code ([see previous section](#)).



Use of the grid to help with distances

Solution:

```
fd 2 rt 90 fd 6 lt 90 fd 3 lt 90 fd 4 rt 90 fd 3 rt 90 fd 4 lt 90 fd 3 lt 90 fd 4 rt 90 fd 3 rt 90 fd 17 rt 90 fd 7 lt 90 fd 3 rt 90 fd 7 lt 90 fd 4 lt 90 fd 14 rt 90 fd 2
```

```
> fd 2 rt 90 fd 6 lt 90 fd 3 lt 90 fd 4 rt 90 fd 3 rt 90 fd 4 lt 90 fd 3 lt 90 fd 4 rt 90 fd 3 rt 90 fd 17 rt 90 fd 7 lt 90 fd 3 rt 90 fd 7 lt 90 fd 4 lt 90 fd 14 rt 90 fd 2
```

