

First Algorithm

- Define dimension of maze
- Create rooms
- Create doors of enter and exit

Second Algorithm

- Define dimension of maze
- Create rooms
- control the coordinates aren't occupied
- Verify the number of rooms
- Define the paths of the maze
- Verify the paths that exist
- Create open doors
- Create close doors
- Verify the number doors for the room
- Control the positions of the doors
- Control the positions of the rooms
- Insert rooms and doors in the maze