

Chapter 1: Algorithms & Abstraction

Sequencing

Date: _____ Teacher: _____

Robot Mazes: Sequencing HW

- Download and open the maze, making sure to save it into its own folder.
- Below, write a step-by-step algorithm to solve the maze using a decision statement for each turn.
- Enter your algorithm into the .html file to double check that the robot reaches its goal as desired.
- Upload only this PDF to the Schoology assignment.

Algorithm: Sketch out your algorithm for solving the maze below. You can write your algorithm in paragraph form or as a bulleted list.

```
82      moveForward() ;
83      moveForward() ;
84      moveForward() ;
85      rotateLeft() ;
86      moveForward() ;
87      moveForward() ;
88      moveForward() ;
89      rotateRight() ;
90      moveForward() ;
91      moveForward() ;
92      moveForward() ;
93      moveForward() ;
94      moveForward() ;
95      moveForward() ;
96      rotateRight() ;
97      moveForward() ;
98      moveForward() ;
99      moveForward() ;
100     moveForward() ;
101     moveForward() ;
102     rotateLeft() ;
103     moveForward() ;
104     rotateRight() ;
105     moveForward() ;
106     rotateLeft() ;
107     moveForward() ;
108     rotateRight() ;
109     moveForward() ;
110     }
111 </script>
```