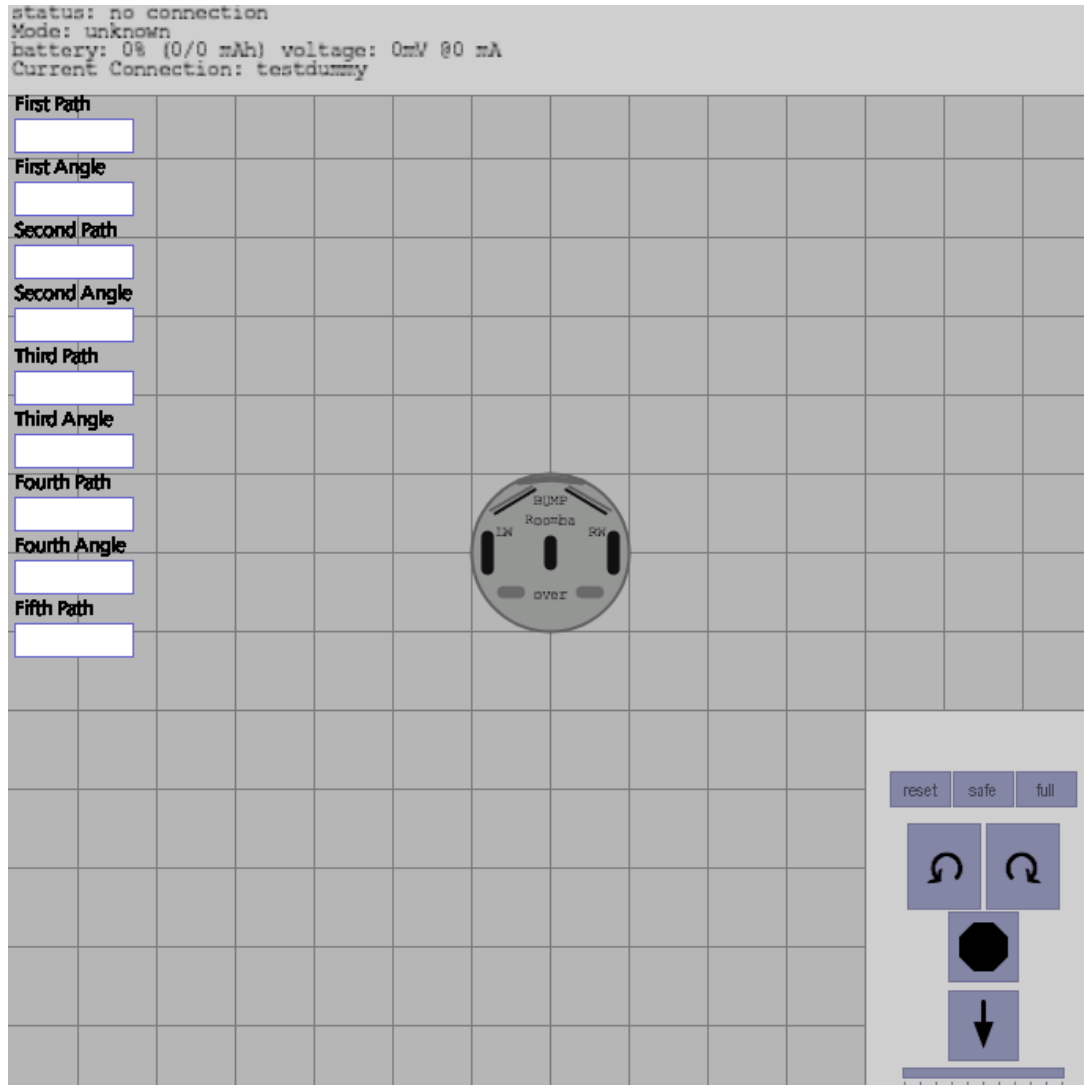


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Assignment #2 More Complex; Complexly more

Here is a picture of the second robot GUI that we will be using for today, not much different from the first. There is a representation of your robot in the center of the GUI that moves as your robot moves (though it is not proportional)



Geometry Maze

Using the multiple path and turn GUI like the one displayed above, enter values into the text fields for the numerous paths in the maze and the turns your robot will have to make at particular points in the maze. Once you and your group have entered all of your desired values press either the clockwise or counter clockwise motion buttons to have your robot start the maze.

Corners Maze

Your group instead may have a different maze where the entire structure looks almost like a rectangle; the process for this maze is the same as the geometry maze enter the values that you need to help the robot travel along the paths and the turns necessary to get through the maze

Buttons

Counter Clockwise Motion

Makes the robot travel through the maze making counter clockwise turns



Clockwise Motion

Makes the robot travel through the maze making counter clockwise turns



Stop Button

stops the robot, obviously



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Name _____

Per _____

Date _____

- 1) Complete the table below

Data Table
Paths and Turns Used

	1st Path	1st Angle	2nd Path	2nd Angle	3rd Path	3rd Turn	4th Path	4th Turn	5th Path
1)									
2)									
3)									

(All values for Paths should be entered in millimeters, and all turning angles should be entered in degrees.)