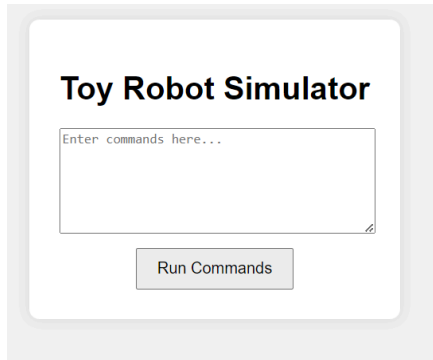


Toy Robot Simulator - User Guide

1. Opening the Simulator

Open the HTML file, toyRobot.html, in a browser. Once opened, the Toy Robot Simulator will display a console where you can enter commands, as shown below:

Screenshot 1: Toy Robot Simulator on load



2. Entering Commands

In the console box, input the commands to control the robot. The commands must be entered one per line. For example:

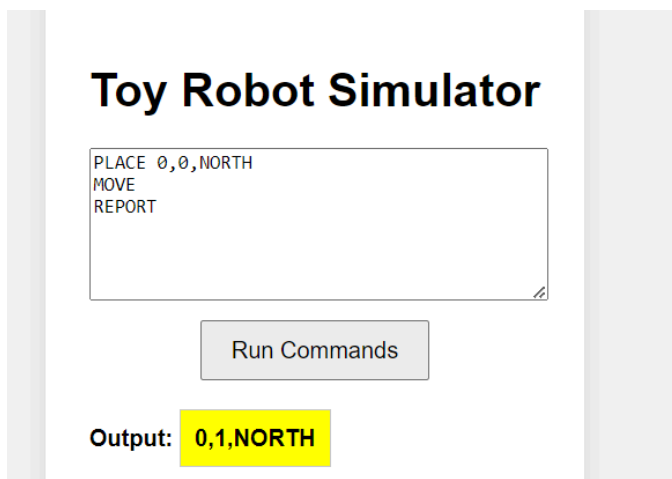
1. PLACE 0,0,NORTH
2. MOVE
3. REPORT

These commands will place the robot on the grid, move it, and then report its position.

3. Running Commands

After entering the commands, click the Run Commands button to execute each one. The output will be displayed below the button, indicating the robot's final position and direction.

Screenshot 2: Output displayed after running commands



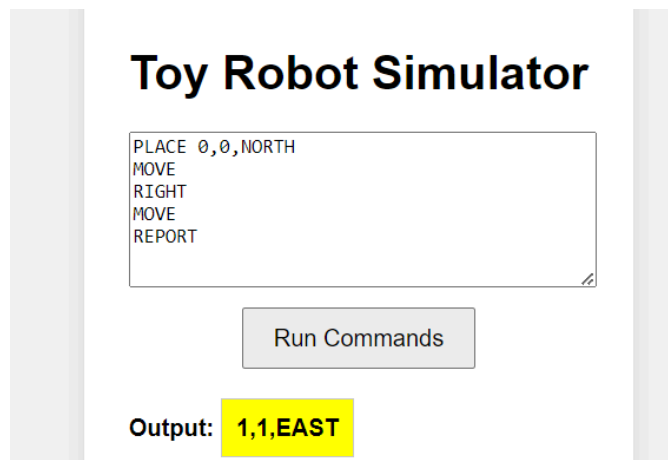
4. Example Commands

- **PLACE X,Y,F:** Places the robot on the grid at the X, Y coordinates facing the direction F (NORTH, SOUTH, EAST, or WEST).
- **MOVE:** Moves the robot one unit forward in the direction it is facing.
- **LEFT or RIGHT:** Rotates the robot 90 degrees left or right.
- **REPORT:** Outputs the robot's current position and direction.

Example Input:

1. PLACE 0,0,NORTH
2. MOVE
3. RIGHT
4. MOVE
5. REPORT

Screenshot 2: Output displayed after running commands



5. Understanding the Output

After running the commands, the output is shown in a highlighted area, displaying the robot's final position and orientation

1. PLACE 0,0,EAST
2. MOVE
3. LEFT
4. MOVE
5. REPORT

Screenshot 3: Final output shown in highlighted area

