

Github : <https://github.com/dxg397/EECS-476/PS1>

Approach:

Step 1: First move the robot about 3 meters and then rotate the robot about 30 degrees.

Step 2: Move the robot about 5.6 meters and rotate about 68 degrees.

Step 3: Move the robot about 4.7 meters and rotate about 90 degrees.

Step 4: Move the robot about 4.7 meters and rotate about 90 degrees.

Step 5: Move the robot about 8 meters and rotate about 60 degrees.

Step 6: Move the robot about 4.5 meters and rotate about 30 degrees.

Step 7: Move the robot till it reaches the end.

Observations:

1. Tried with various other patterns but this was the shortest.
2. Sometimes 1 meter is not equal to 1 second.
3. Tried first rotating the robot in the first step but failed as it was forcing to move forward unable to discover that problem.