

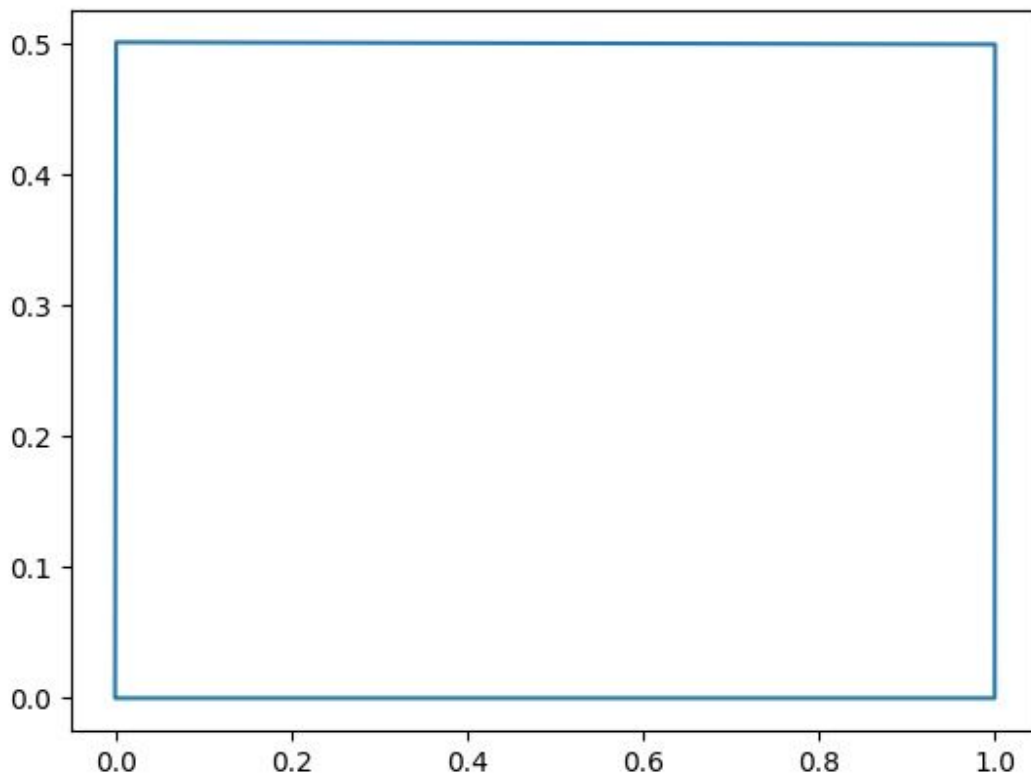
809T Homework 8

Charan Karthikeyan Parthasarathy Vasanthi

Part 4:

The part asks to complete the in class exercise of the map01.py and then make the same operation with set commands inside the program. The video to the first map01.py is shown in the video below. The robot moves in the intended direction but due to the cumulative error in the robot the robot moves almost near to the start point rather than to the exact point. The matplotlib of the path is shown below.

<https://www.youtube.com/watch?v=DeTUa6DyxcE>



The second video for the homework, the path was randomly given by men to the robot and executed in a sequence. The video and the path is shown below. The path taken by the robot is similar to the plot but due the cumulative period over the period of movement it is not accurate as depicted in the plot

<https://www.youtube.com/watch?v=IU6vpO6KdtY>

