

# 809T Assignment 8

Autonomous Robotics

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# Chapter 1

## Question 1:

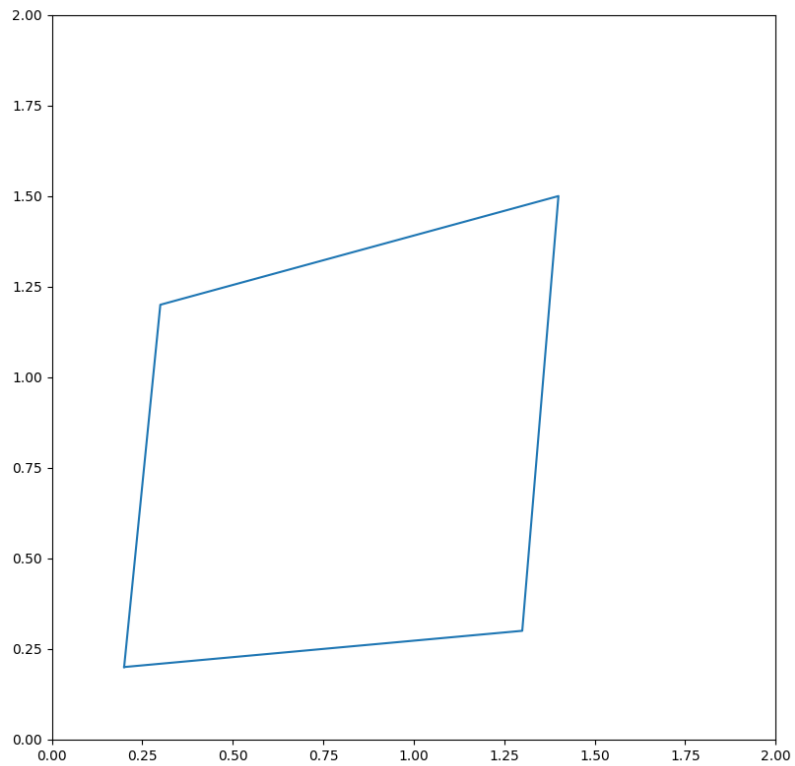
### 1.1 Encoder Only:

Video link: [https://youtube.com/shorts/\\_R51cBiBa9U](https://youtube.com/shorts/_R51cBiBa9U)

### 1.2 Encoder + IMU:

Video link: <https://youtu.be/TKJogHZULHo>

### 1.3 Plot:



As i had utilized the IMU values to bias towards the goal it wtakes ta steep trajectory in the end to reach the starting place.