CSE461

Lab 2: Turtlebots Control

# Objective

The goal of this lab is to familiarize you with a basic understanding of ROS packages and nodes by controlling a turtle bot using Python scripting.

# Tasks

1. Write a script called rectangle.py. It takes the height and the width of the rectangle as input. It will then move the turtle to create a rectangular path with that height and width.
2. Write another script called rotate.py. It will move the turtle in an outward spiral path.

# Questions

1. How does the communication between the controller and the turtle bot happen?
2. What are the challenges faced in this lab?

# Submission

1. Python code for tasks 1 and 2.
2. Video demonstration of both tasks execution with explanation (YouTube Unlisted).
3. Lab report.