Task 0 – Pollinator Bee

Read Me

This task is divided into two parts:

- Software Installation
- WhyCon Task

Please find the following folders within the folder that contains this Read Me file.

- First Folder is ***Installation Instructions***
  - Please find the following files in this folder
    - ROS_Kinetic_Installation.pdf
    - V-REP_Installation_Instructions.pdf
    - V-REP_ROS_Interface_Installation_Instructions.pdf
  - Open the file ROS_Kinetic_Installation.pdf and follow the instructions to install the Robotics Operating System on your Linux machine
  - Open the file V-REP_Installation_Instructions.pdf and follow the instructions to install the Virtual Robot Experimentation Platform on your Linux machine
  - Open the file V-REP_ROS_Interface_Installation_Instructions.pdf and follow the instructions to install the V-REP-ROS Interface package on your Linux machine
- Second folder is ***Task***
  - Please find the following files in this folder
    - Files:
      - Problem Statement.pdf
      - task0_pb.ttt
  - Open the file Problem_Statement.pdf and follow the instructions to implement the task.
- Third folder is ***Tutorials***
  - Please find the following folder/file in this folder
    - Folder:
      - Python
    - Files:
      - Creating a Workspace and Learning ROS.pdf
      - Introduction to ROS.pdf
      - Introduction to V-REP.pdf
      - Linux Tutorials.pdf
      - Understanding WhyCon.pdf
      - Understanding World.pdf
  - Open the Introduction to ROS.pdf and follow the instructions to understand ROS.
  - Open the Creating a Workspace and Learning ROS.pdf to get a head-start in using ROS and creating your first package.
  - Open Introduction to V-REP.pdf to understand and learn V-REP.
  - Open the Linux Tutorials.pdf and follow the instructions to learn the basics of Linux.
  - Open the Python folder to brush up your basics on Python.
  - Open the Understanding WhyCon.pdf file to learn about the WhyCon fiducial marker
  - Open the Understanding World.pdf to learn about the V-REP scene provided to you