1. This Quiz is from the course, ROS Control 101 on Robot Ignite Academy
: https://www.robotigniteacademy.com/en/course/ros-control-101/details/
2. Any contents of the quiz belong to Robot Ignite Academy except for the sample solution written by
Samwoo Seong. I.e. I don't own any of quiz contents
3. Any work throughout the quiz is for learning purpose
4. The solution written by Samwoo Seong shouldn't be used to pass the quiz on this course

<Requirements>

-One of ROS 1 distributions

-Gazebo

-UR5 Running on Gazebo Simulation

<How to Run my program on Robot Ignite Academy>

-Objective 1

1. Type this in one of terminals

roslaunch quiz_control quiz_control.launch

```
user:~$ roslaunch quiz_control quiz_control.launch
```


2. Publish value to "/ur5/shoulder_lift_joint_position_controller/command" topic

Rostopic pub /ur5/shoulder_lift_joint_position_controller/command std_msgs/Float64 "data: -0.5"

```
user:~$ rostopic pub /ur5/shoulder_lift_joint_position_controller/command std_msgs/Float64 "data: -0.5"
```


-Objective 2

1. Terminate all node running currently.

2. Refresh Gazebo simulation.

3. Type the following in one of terminals

roslaunch project_controller quiz_control_custom.launch

Note: You need to compile your package with "catkin_make" whenever you make any change in source
code files such as cpp files.