Note:

1. This project is from the course, ROS For Industrial Robots 101 on Robot Ignite Academy

: https://www.robotigniteacademy.com/en/course/ROS-for-Industrial-Robots-101/details/

2. Any contents of the project belong to Robot Ignite Academy except for the sample solution written by Samwoo Seong. I.e. I don't own any of the project contents

3. Any work throughout the project is for learning purpose

4. The solution written by Samwoo Seong shouldn't be used to pass the project on this course

<Requirements>

-One of ROS 1 distributions

-Gazebo

-UR5 Running on Gazebo Simulation

<How to Run my program on Robot Ignite Academy>

1. Type this in one of terminals

roslaunch project_moveit_config project_planning_execution.launch

```
user:~$ roslaunch project_moveit_config project_planning_execution.launch
```

2. Type the following in another terminal

roslaunch project_motion_scripts project_motion_script_launch.launch

```
user:~$ roslaunch project_motion_scripts project_motion_script_launch.launch
```

3. You can also take a look at changes in RIVZ through graphical interface.