**git** clone https://github.com/ros-perception/slam\_gmapping

**git** clone https://github.com/turtlebot/turtlebot

**git** clone https://github.com/turtlebot/turtlebot\_interactions

**git** clone <https://github.com/turtlebot/turtlebot_simulator>

first I have installed above packages. The first package is mapping the environment.

I have not changed the environment of turtle bot.

Then other three packaged are for turtle Bot which is used to interact with tutlebot and simulate the turtle bot.

For the main purpose of the project we have made pick up and add marker package

The pickup package is for virtule delivery.

The add marker is to add a specific marking location in envirnment