

**SETUP:**

Download link:

[https://github.com/SakshayMahna/Robotics-Playground/tree/main/turtlebot3\\_ws](https://github.com/SakshayMahna/Robotics-Playground/tree/main/turtlebot3_ws)

Unzip into home dir.

Open terminal

```
roscore
```

Open another terminal

```
sudo apt-get install ros-noetic-navigation
```

Open another terminal

```
cd turtlebot3_ws/
```

```
catkin_make
```

```
source devel/setup.bash
```

**TO RUN TURTLEBOT3:**

Terminal 1

```
roscore
```

Terminal 2

```
cd turtlebot3_ws/
```

```
catkin_make
```

```
source devel/setup.bash
```

```
roslaunch ros_world turtlebot3_world.launch
```

Terminal 3

```
cd turtlebot3_ws/
```

```
catkin_make
```

```
source devel/setup.bash
```

```
roslaunch global_path_planning turtlebot3_ros_world.launch
```

Terminal 4

```
cd turtlebot3_ws/
```

```
catkin_make
```

```
source devel/setup.bash
```

```
roslaunch global_path_planning path_planning_server.py
```