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Project 0

**Project 0: Install and Set up Ros Environment**

Currently working on machine that is preinstalled with Ubuntu 18.04 Lts, and ROS Melodic. Hence, no Ubuntu installation required.

**lsb\_release -a**

Text

Description automatically generated

Checking git version installed on machine

**git --version**



Checking proper installation of ROS on system

**roscore**

Text

Description automatically generated

Checking gazebo installation

**cd ~/catkin\_ws/src && roslaunch turtlebot3\_gazebo turtlebot3\_world.launch**

A screenshot of a computer

Description automatically generated with medium confidence

Checking gazebo installation

**cd ~/catkin\_ws/src && roslaunch turtlebot3\_fake turtlebot3\_fake.launch**

A screenshot of a computer

Description automatically generated with medium confidence

Checking teleop robot control

**roslaunch turtlebot3\_teleop turtlebot3\_teleop\_key.launch**

<https://youtu.be/_ubn6lqdAzA>