

Install Turtlebot3 & Run Simulation files

Overview:

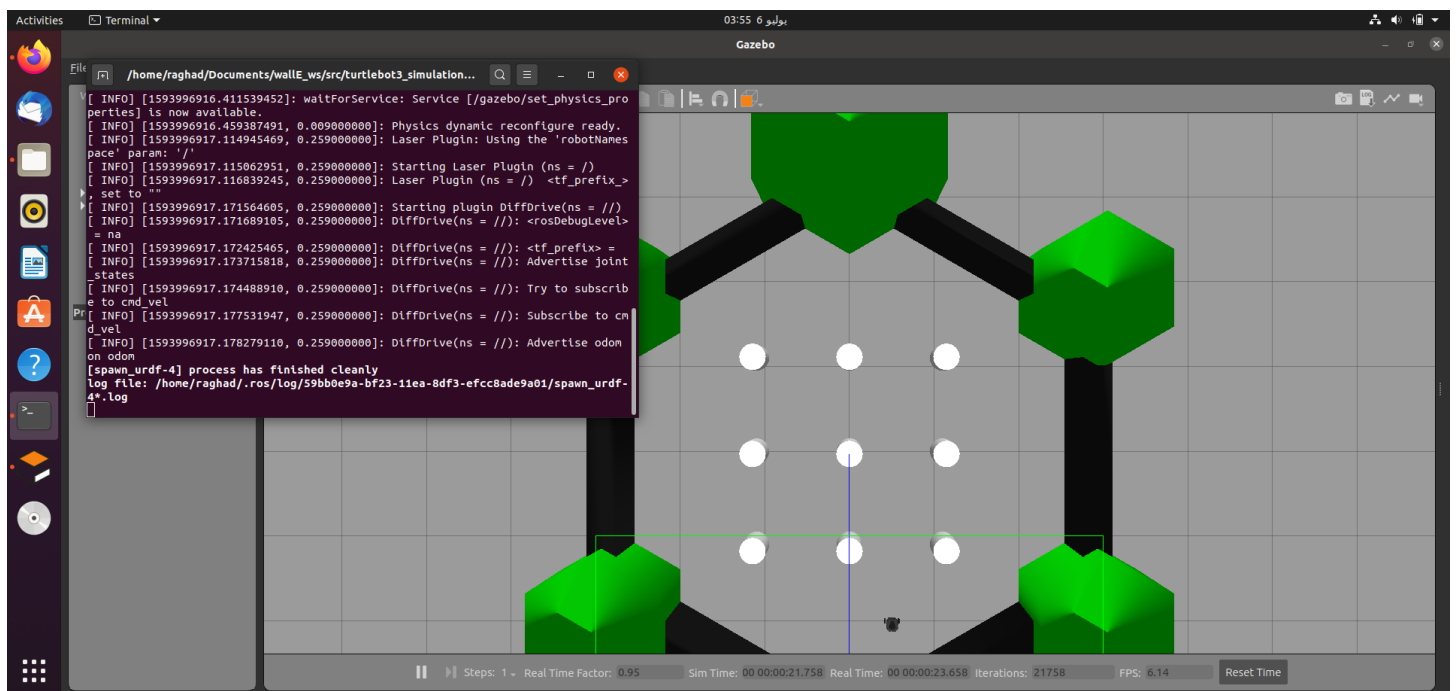
In this project, it is required to install turtlebot3 and its packages and dependences and then run a simulation for it in many environments.

Steps with pictures:

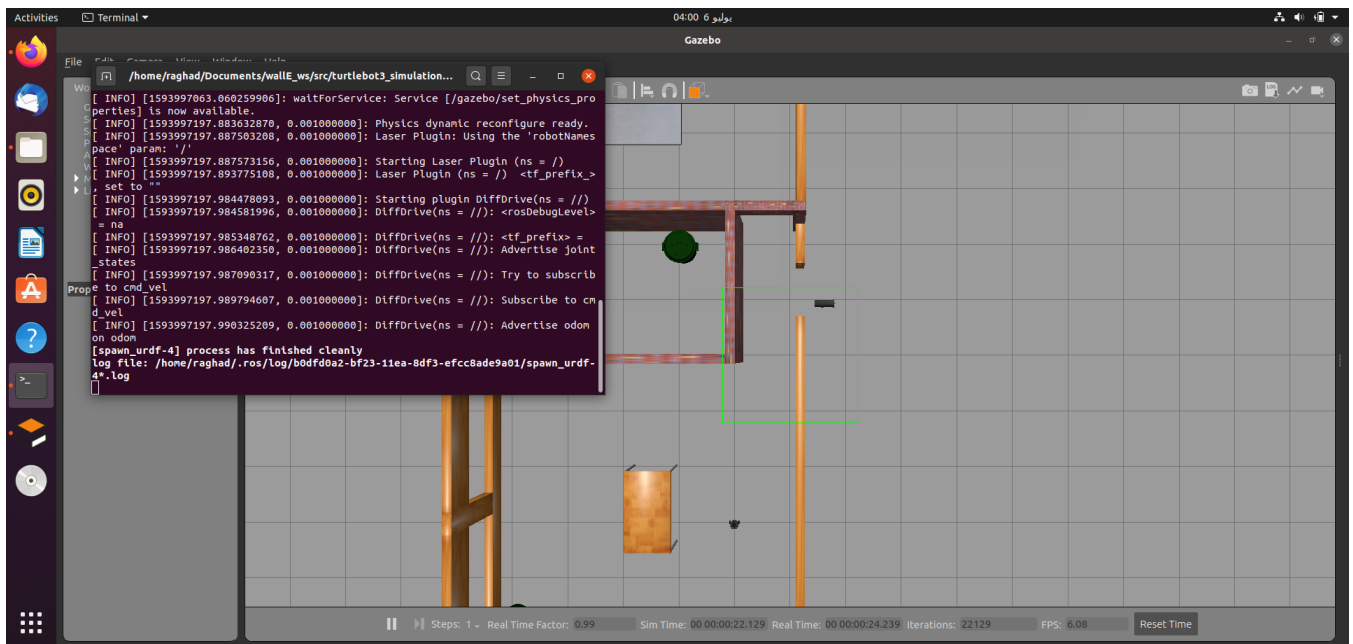
I followed the instruction in the link below for the installation of the turtlebot3 and its packages:

<https://automaticaddison.com/how-to-launch-the-turtlebot3-simulation-with-ros/#gazebo>

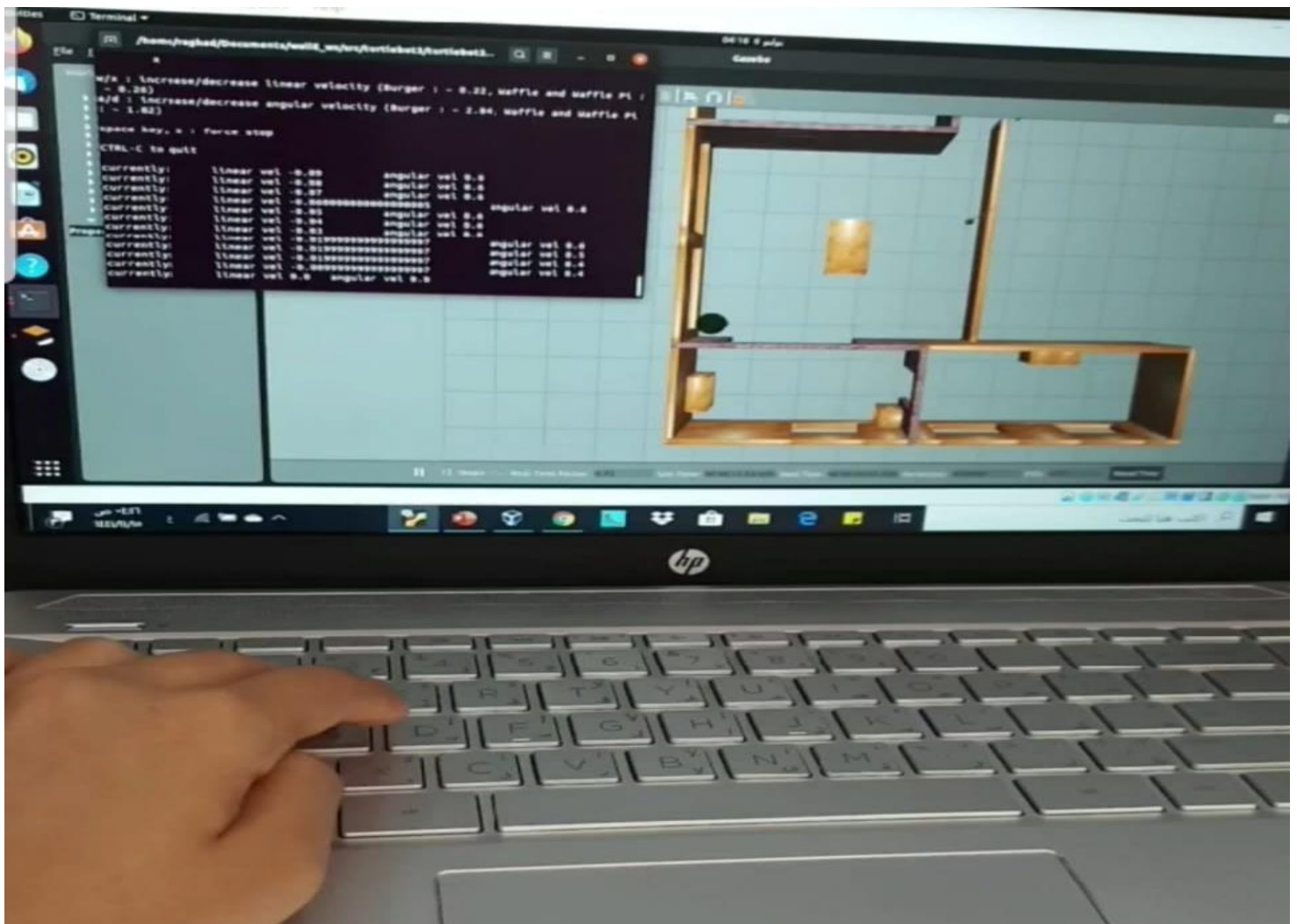
The first simulation environment:

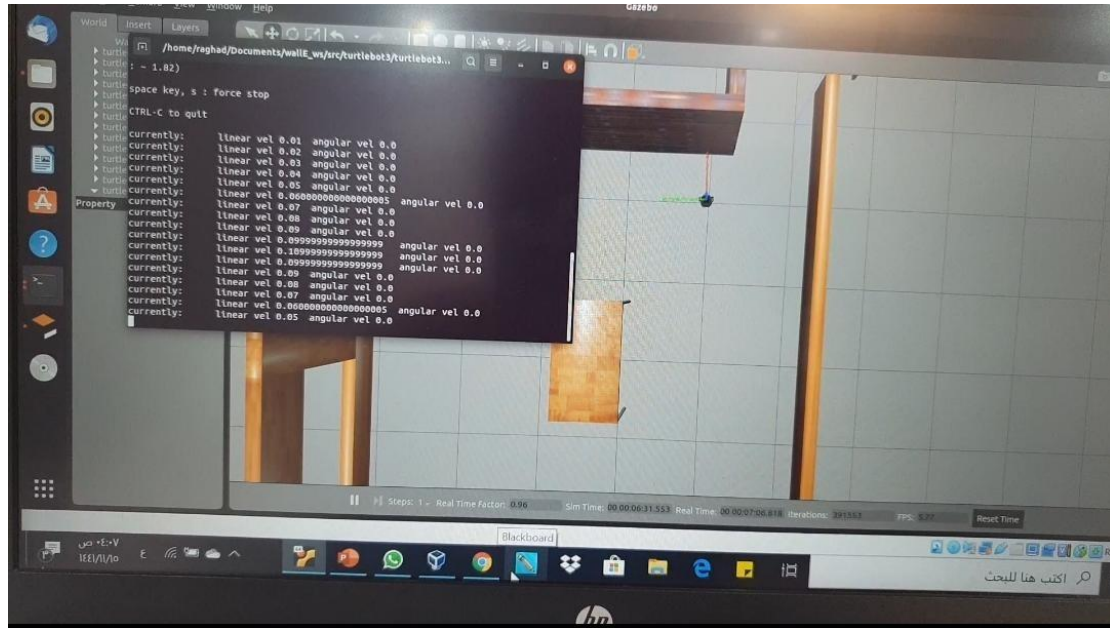


The second simulation environment:



Moving the turtlebot3 with the keyboard:





Video of the turtlebot motion by using the keyboard:

https://drive.google.com/file/d/1j8ltvIG9uMpv4yJj5K_V4ueKAWjFQTc3/view?usp=sharing