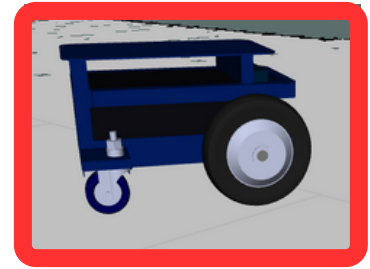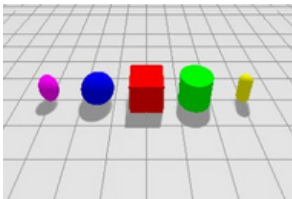# Start Creating Robots
COURSE CHEAT SHEET

Day 1

Install Tools: WSL 2, Ubuntu 22.04, Windows Terminal App, Docker Desktop for Windows, VS Code
Install git inside Ubuntu with
sudo apt install -y git

Day 2

Clone repo inside Ubuntu 22.04
git clone https://github.com/johnny555/start-creating-robots-email.git
then open vscode inside the repo by running
code .
start docker, install dev container vs code extension and run Ctrl+Shift+P and select "Dev Containers: Open Folder In Container"
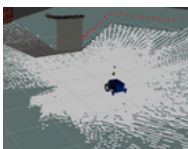Now hit Ctrl+Shift+P run task, choose "Day 2" to get Gazebo.

Day 3

Ctrl+Shift+P run Task, choose "Day 3".
Explore Teleoperation
  • Watch robot driving inside Gazebo

Day 4

Ctrl+Shift+P run Task, choose "Day 4".
Explore Mapping
  • Work with RViz
  • Understand Topics
  • Modify URDF to speed up or slow down simulation

Day 5

Ctrl+Shift+P run Task, choose "Day 5".
Explore Navigation
  • Direct robot with graphical commands
  • Explore the simulated world
  • Play with path planning