Self-Driving Vehicle Project: Week 2

Group Members: Sandeep Alankar, Adas Bankauskas, Malav Majmudar, Abia Mallick, Zhuohuan Li, Anthony Siu

Zhuohuan Li (GR) Anthony Siu (UG) Sandeep Alankar (UG)

Who we are
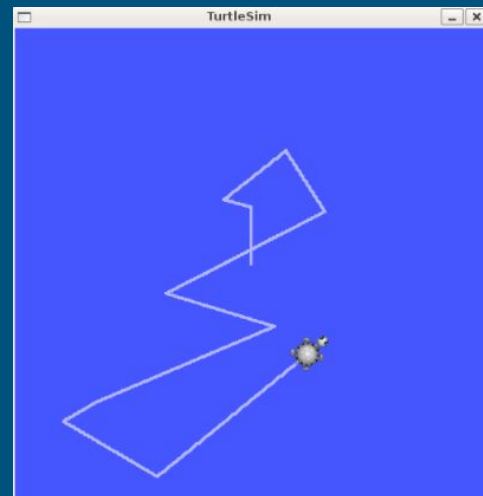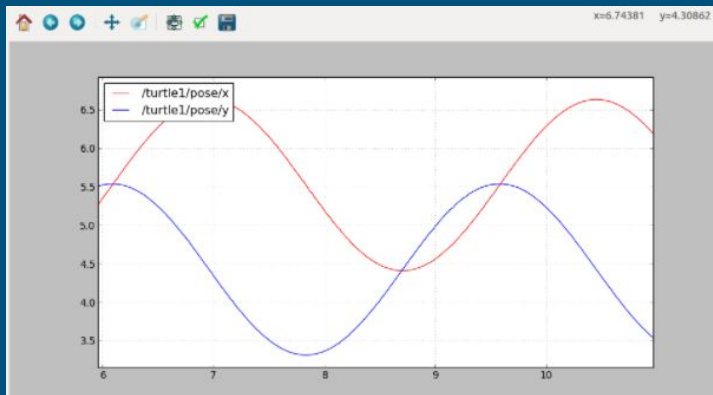
Adas Bankauskas (UG)   Abia Mallick (UG)   Malav Majmudar (UG)

Who we are

Current Progress

❖ Working on ROS tutorial with PuTTY
➢ Reserved nodes on intersection and retrieved/plotted data from TurtleSim
❖ Learned about remote graphical access and how to X forward using the correct ssh commands (created X image for ROS simulations)
❖ Learned how to duplicate PuTTY session with tmux and practiced basic tmux shortcuts
❖ Created GitHub repository for project code

Future Plans

- ❖ Working on creating our own website (Django)
- ❖ Learn Gazebo Simulator which we will eventually use to create the simulation environment for our self-driving car
- ❖ Continue learning ROS to develop code for the vehicle
- ❖ Learn self-driving machine learning algorithms for our vehicle to learn from its surroundings and become autonomous
- ❖ Learn about neural networks and how to properly train and test data