



# Programming Assignment: Course 4 Final Project

You have not submitted. You must earn 2/2 points to pass.

**Deadline** Pass this assignment by Dec 8, 10:59 PM PST

## Instructions

My submission

Discussions

## Course 4 Final Project

In this project we will be implementing many of the behavioral and local planning concepts discussed in Course 4. The goal of this project will be to have a functional motion planning stack that can avoid both static and dynamic obstacles while tracking the center line of a lane, while also handling stop signs. To accomplish this, you will have to implement behavioral planning logic, as well as static collision checking, path selection, and velocity profile generation.

To do this assignment, the CARLA simulator along with the assignment code needs to be installed. Please follow these instructions:

## Install the CARLA simulator

Follow the CARLA Installation guide from a previous reading to install the CARLA simulator.

## Download the final project file

Download the following "Course4FinalProject.zip" file and unpack into the subfolder folder "PythonClient" inside the "CarlaSimulator" (root) folder. This will create a subfolder "Course4FinalProject" under "PythonClient" which contains the assignment files.

Course4FinalProject.zip