

# Assignment 0 Introduction

**Due: 02.11.2023, 12:00AM**

## Introduction

The goal of this assignment is to ensure that Carla is running and to also get your group members by submitting to eCampus.

## Getting Started

1. If you use the computers in our lab, we did these steps for you and you can jump to step 4. If you use your own machine, install the CARLA server following the following instructions at [https://carla.readthedocs.io/en/0.9.13/start\\_quickstart/](https://carla.readthedocs.io/en/0.9.13/start_quickstart/). We can only provide support for Ubuntu, but try to help with other operating systems. We can confirm that the setup is working with 18.04 and 20.04.

2. Start the server and then the client to test your setup:

For the server:

```
$ cd /opt/carla-simulator/  
$ ./CarlaUE4.sh
```

For the client:

```
$ cd /opt/carla-simulator/  
$ cd PythonAPI/examples  
$ python3 manual_control.py
```

3. Install our assets (needed to have customs traffic signs):

```
$ cd /opt/carla-simulator/  
$ sudo wget http://www.ipb.uni-bonn.de/html/teaching/sdc/assets.tar.gz -P Import  
$ sudo ./ImportAssets.sh
```

## Task 1: Screenshot of the running client.

Follow step 2 again and drive around. Make a screenshot of that location and submit this on eCampus.

## Submission:

Once you have completed your assignment by editing the relevant scripts in the framework, upload your solution as a **zip** file via eCampus with the filename **LastName1\_LastName2.zip**.

*Please make only one submission per team. You can also directly submit as a team in eCampus. If you don't have a partner, submit alone and we will assign you a partner (if possible).*



Figure 1: Example screenshot

## Academic Dishonesty:

We will check your code against other submissions in the class. We will easily know if you copy someone else's code and submit it with some minor changes. We trust that you will submit your own work only. Please don't let us down. Note that in the case of plagiarism, you will be expelled from the course. We are strict on that.