Instructions For Running Carla Simulation:

* For the Carla simulator to run we have to run four different windows:
* The first one is to open the visual studio code command prompt-  
  1) Click the start button and search for “x64 Native Tools Command Prompt for VS 2019” and click on the first recommended result.   
  2) When the command prompt open type the following two commands:

cd C:\Users\jcliburn\carla-0.9.13\carla-0.9.13

3)After getting to the root folder of Carla type the following command to launch the Carla simulator:

**make launch**

**Note: It might take 4-5 minutes to launch.**

**4) Then, click the icon play on the top right end of the simulator window. This helps to launch a host server. It might also take sometime to play meanwhile we can keep the command prompt for the codebase ready.**

* The second window is the command prompt to run the codebase.  
  1) Go back to start and search for command prompt(cmd).

2) The window will open with the root folder **C:\Users\jcliburn** Go to the path mentioned below to run the python file of the main codebase:

cd C:\Users\jcliburn\carla-0.9.13\carla-0.9.13\PythonAPI\examples\carla\_main\_sim

3) After getting to the carla\_sim folder mentioned above, run the python file with below command.

**python main\_file\_updated.py**

**Optional:**

4) If this is the practice session please type “y” in particular or else you can type No or any other string other than “y”.

You can now visualize the window launched by pygame with car Hud , speed and autopilot mode on the screen. You can run the simulator and can exit from the window by navigating to the cmd and clicking the below command:

Ctrl+C

To find the data that is saved after the test run by the Users you can find the data in the same file carla\_sim with the folder named “user\_data”.

In file explorer:   
C:\Users\jcliburn\carla-0.9.13\carla-0.9.13\PythonAPI\examples\carla\_main\_sim

Open using the Microsoft selector

While you’ll have difficulty to close the carla simulator to close at the end. Then open the task manager and find the UE4Editor > right click on that > End Task.

If you have problem with the steering wheel and would like to calibrate there are two things to check on.

1. The Logitech Hub from the start button
2. Control Panel > Hardware and Sound >Device and Printers (Opens another window) > Devices> Scroll down and click more devices and settings> Right click on the Logitech steering wheel> Click Game controller Setting > Properties (Opens another window) > Click Settings tab on top left > Then click Calibrate..
3. After calibrating, click apply to aplly the changes then click OK.