# Mac Python Environment Install and Setup
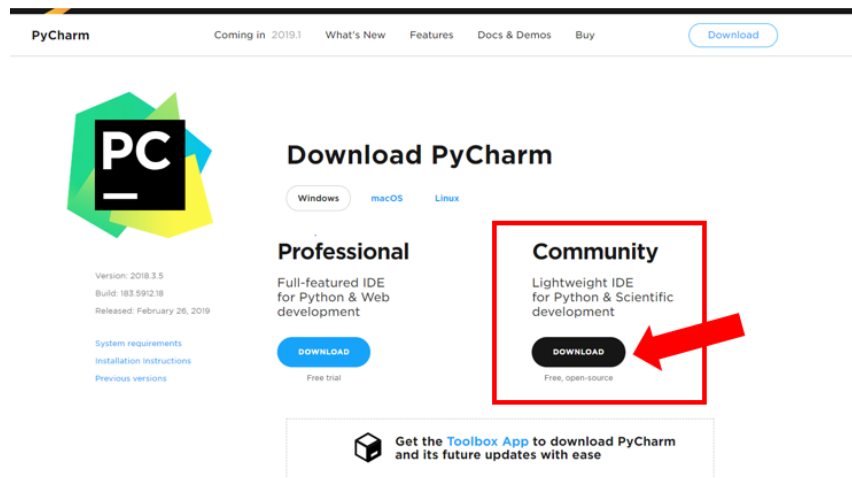
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Macs come with Python preloaded so all you need to do is download and install the IDE (Integrated Development Environment) PyCharm. If you prefer a different IDE, you are welcome to use it. PyCharm is my favorite and so that is what I recommend.

# Step 1**: Download and Install PyCharm**

1. **Download PyCharm from here**:
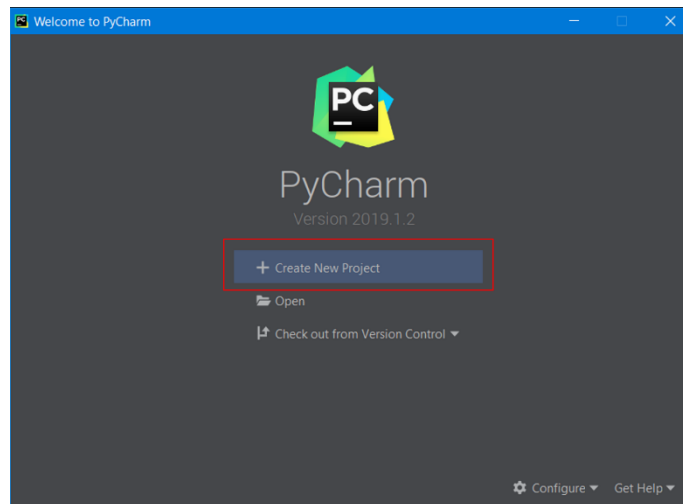   https://www.jetbrains.com/pycharm/download/#section=mac

2. **Download** – Choose the Community version and click "download"
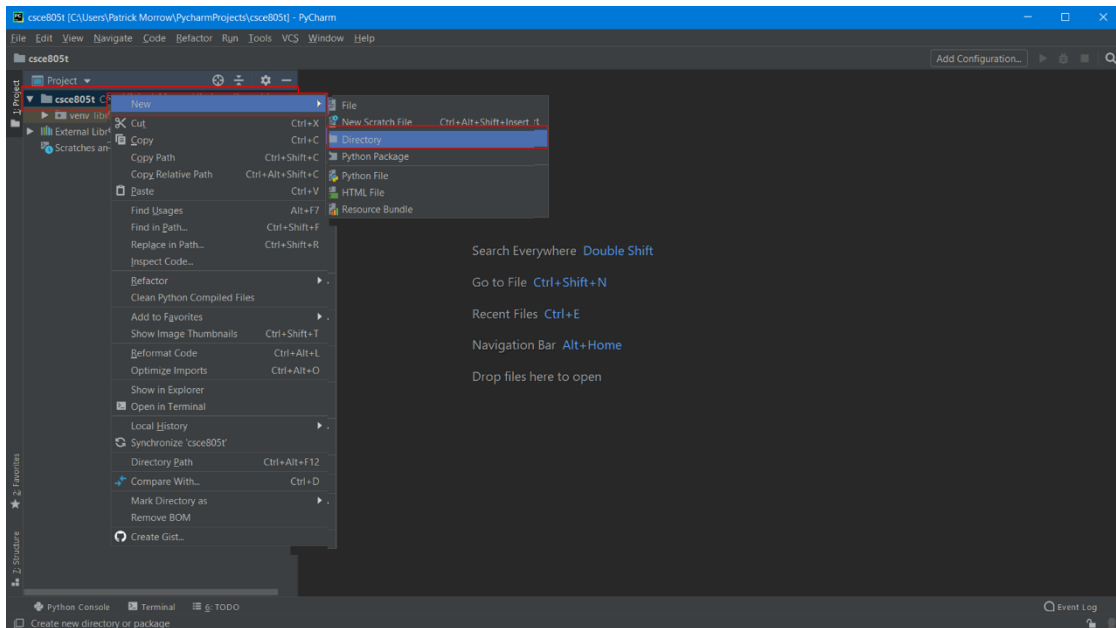


3. **Start the Installation process** – Click on the downloaded file to begin the install process.
4. **Add PyCharm to applications** – Drag the PyCharm file to the applications folder
5. Open PyCharm and follow the prompts to begin using PyCharm.

Step 2: **PyCharm Setup**
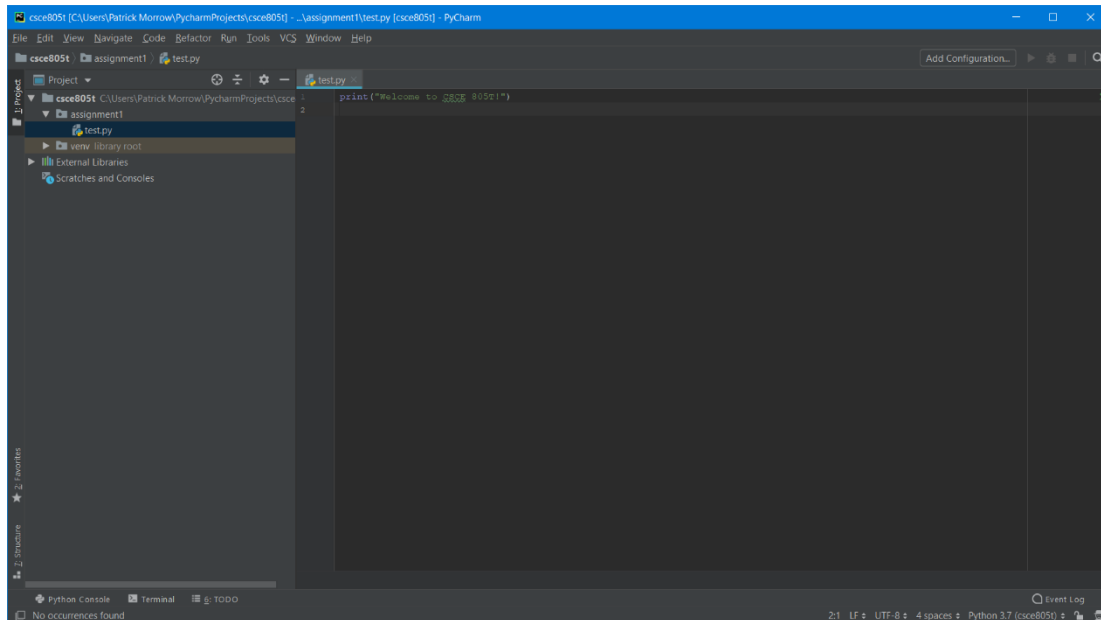
1. Open PyCharm and Create a New Project.



2. Name the project "csce100" and make sure the base interpreter is set under the Project interpreter dropdown. Then, click "Create".

3. To get yourself ready for the first assignment, two-finger press on (or CTRL + click) the project, hover over New, and select Directory. Name the new directory "assignment1".
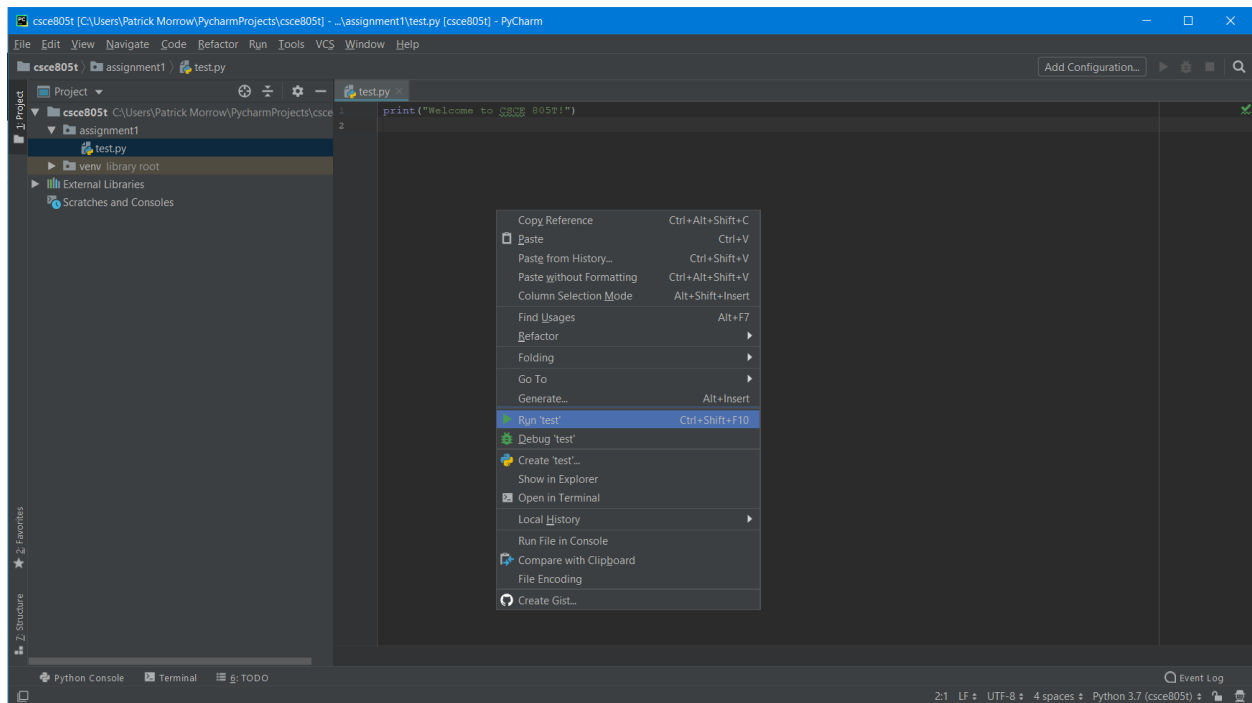


4. Download the test.py file from canvas under Files  "Python Installation Instructions".
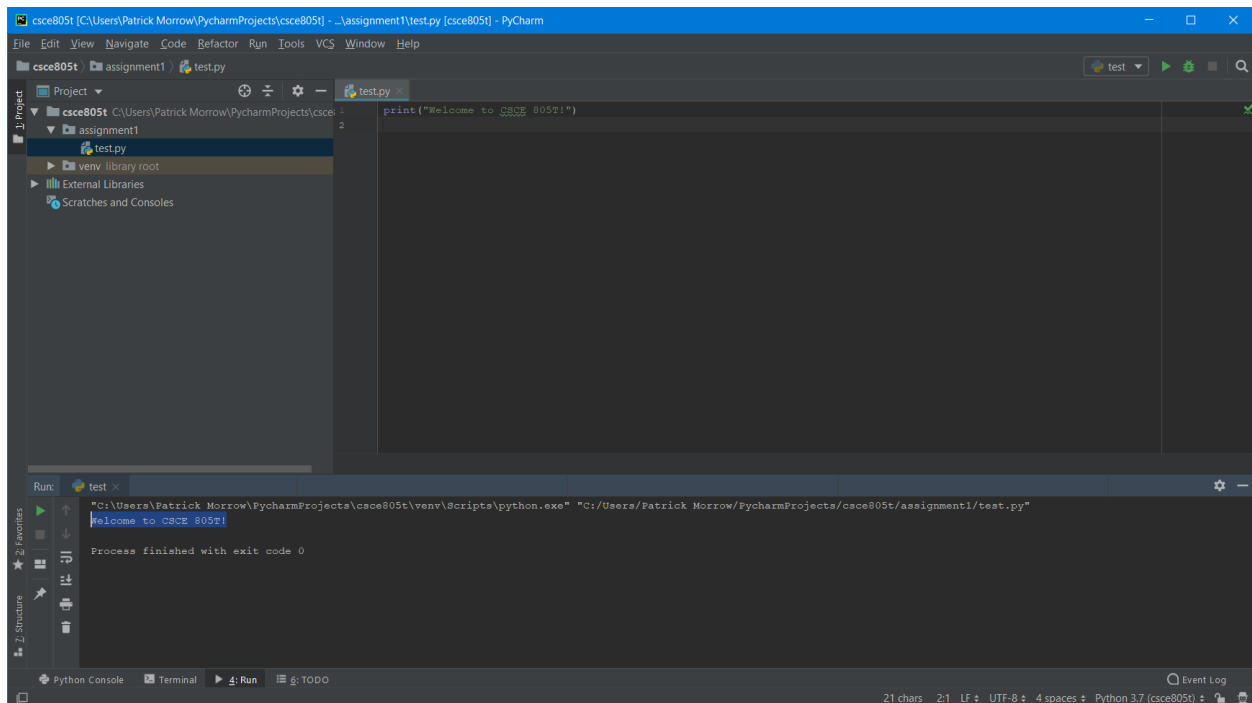
5. Move the test.py file to your new "assignment1" folder and open the file in the PyCharm editor.

6. To make sure that everything is set up correctly, run the test.py file. To run the file, two-finger press (or CTRL + click) in the editor window and select "Run"



7. You should see "Welcome to CSCE 100" in the run window.

I recommend playing around with PyCharm and getting familiar with the IDE (Integrated Development Environment). Google "PyCharm instructional guides", watch YouTube videos on using PyCharm, etc. If you run into any issues, feel free to email me and I will work with you to resolve any issues. My email is: pmorrow@cse.unl.edu.