

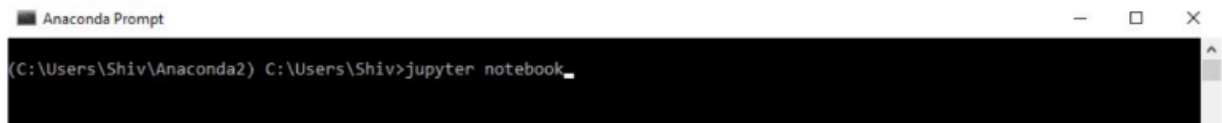
# ECON 611

## PC USERS ONLY!

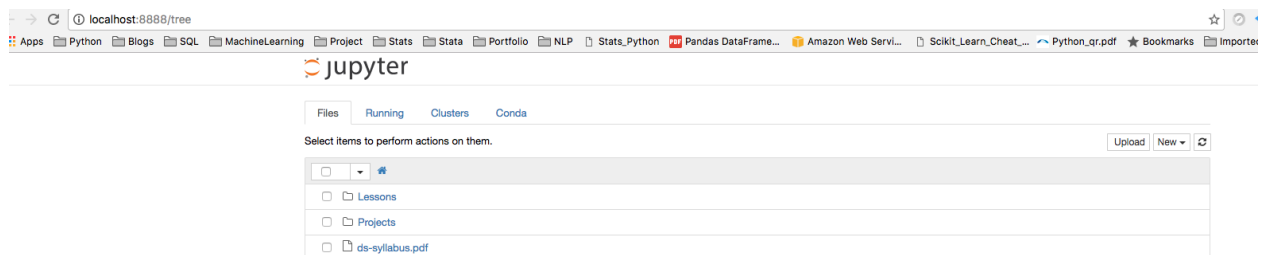
### Part 1: Jupyter notebook & Anaconda:

From the “Required Tools For Class” document, you must have Anaconda already installed. If you have not done so, please complete this first: [Required Tools For Class](#)

1. Once you've successfully downloaded Anaconda you can begin with the installation commands for Jupyter.
  - a. All installation commands should be run in the Terminal (Linux) or the Command Prompt/Powershell (Windows).
  - b. Windows Users search for either **powershell** or **cmd** in your windows search tool to find your appropriate installation tool.
  - c. You also have the option of using the **Anaconda Command Prompt**, but use the Terminal or Command Prompt/Powershell.
2. Once the installation is done, in your terminal/command prompt type: **jupyter notebook** and **press Enter** (see picture below)



3. You should eventually see a **new** tab open up in your browser for you to begin using Jupyter Notebooks.



- a. Don't worry if your tab says something like "Conda [Root]" or "Python Default", either of these options will work fine. You can click on these to start a new python file.
4. Now we need to learn how to close the new tab on your browser. *Note the following lines taken directly from the jupyter notebook beginner guide <http://jupyter-notebook-beginner-guide.readthedocs.io/en/latest/execute.html#shut-down-the-jupyter-notebook-app>:*
  - a. In a nutshell, closing the browser (or the tab) **will not close** the **Jupyter Notebook App**. To completely shut it down you need to **close the associated terminal**. In more detail, the **Jupyter Notebook App** is a server that appears in your browser at a default address (<http://localhost:8888>). Closing the browser will not shut down the server.
5. Go back to the terminal/command prompt where you previously typed jupyter notebook and use the **Control+C** keys to close the notebook (both keys should be press at the same time => see image below)

```
[I 11:32:58.918 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
```

6. If you did this correctly the following question will appear in your terminal: **Shutdown this notebook server (y/[n])?** => then type **y** and press **enter** => your notebook is now closed (see image below):

```
^C[I 11:37:27.482 NotebookApp] interrupted
Serving notebooks from local directory: /Users/Javier/Desktop/DS-SF-31
0 active kernels
The Jupyter Notebook is running at: http://localhost:8888/
Shutdown this notebook server (y/[n])? y
```

7. For more information on the Jupyter Notebook system see the [official documentation](#).
  - a. Additional information on Jupyter Notebook Manual  
<https://jupyter.brynmawr.edu/services/public/dblank/Jupyter%20Notebook%20Users%20Manual.ipynb>

## **Part 2: GitHub**

1. For information on Git please revise this links
  - a. <https://guides.github.com/activities/hello-world/>
  - b. <https://help.github.com/articles/git-and-github-learning-resources/>
2. Open the **Command Prompt** => go to the lower left corner of your computer => type: **cmd**, then the word "Command Prompt" will show, => double click to open.
3. Now we are going to navigate on the Command Prompt window so please open this link for a list of command shortcuts (use this guide as your reference):

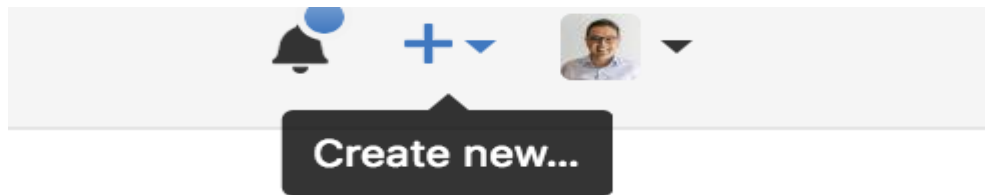
[http://www.yolinux.com/TUTORIALS/unix\\_for\\_dos\\_users.html](http://www.yolinux.com/TUTORIALS/unix_for_dos_users.html)

### **Part 3: Create class directory**

- a) In the **Command Prompt** window type: **pwd** (remember that pwd = print working directory)
- b) type: **cd Desktop** (remember that cd = change directory, in this case we need to change the directory to your Desktop, and it is in here where we are going to allocate the NEW ECON611 folder)
- c) type: **git clone** <https://github.com/majacaci00/ECON611>
- d) type: **cd ECON611**
- e) type: **git pull** (a message saying “Already up-to-date” should appear in your screen)

### **Part 4: Create your student repo**

1. Access your GitHub account by going [github.com](https://github.com)
2. On the top right corner of your GitHub page, identify the + sign click on it and select create on *New repository* (see image)



3. A new window will open. In this window go to *Repository Name* and type ECON611-**MAJACACI00** (replace **MAJACACI00** with **your github username** )
4. On the *description* section type: “This is my ECON611 student repo”
5. Scroll to the bottom and make sure that *Public* is selected
6. *Select* Initialize this repository with a README
7. Click on *Create repository* (see image below)

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Owner



Repository name \*

ECON611-MAJACACI00



Great repository names are short and memorable. Need inspiration? How about **fluffy-adventure**?

Description (optional)

This is my ECON611 student repo



**Public**

Anyone can see this repository. You choose who can commit.



**Private**

You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.



**Initialize this repository with a README**

This will let you immediately clone the repository to your computer.

Add .gitignore: **None**

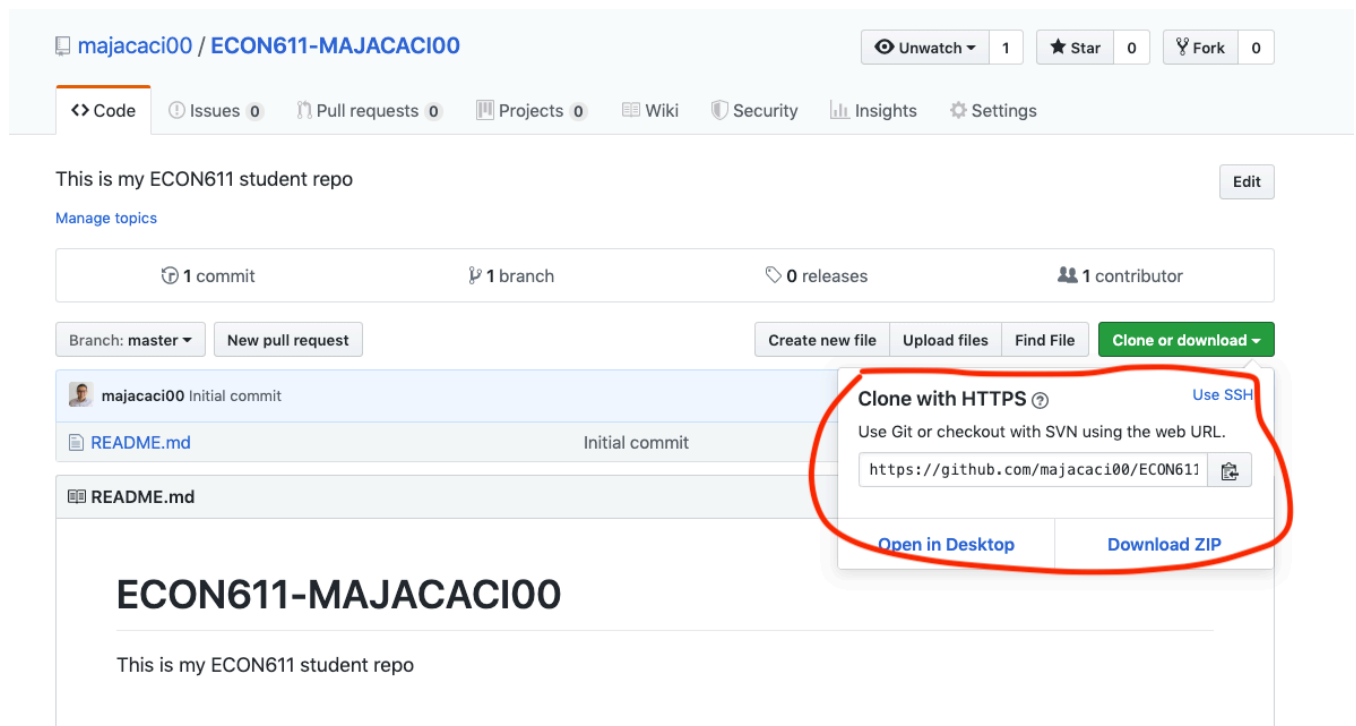
Add a license: **None**



Create repository

### Part 5: cloning your repo to your computer

1. Open the Terminal
2. Move from your home directory to your Desktop by typing: **cd Desktop** and press return
3. If you type **pwd** and press return, it should say something similar to **/Users/ YOURNAME /Desktop**
4. Once you are in your desktop type: **git clone https://github.....** (this is the url from your ECON611-**githubusername** => you can find this link if you click on the green button "Clone or download" => see picture below)



### **Part 6: pushing a document to your student repo**

1. **MANUALLY** copy ANY pdf document into your ECON611-**githubusername**
2. **MANUALLY** rename your pdf document to **test**
3. Go back to your Terminal and **make** sure you are in the ECON611-**githubusername** folder.
4. type: **git add test.pdf**
5. type: **git status** (you should see your test.pdf under *Changes to be committed*: blablabla, also your file should appear *highlighted in green*)
6. type: **git commit -m "testing my student repo"**
7. type: **git push origin master**
8. go to github.com (*refresh the site*) and you should see your test.pdf document
9. SUCCESS!

### **Part 7: Opening jupyter notebook**

1. Open your Command Prompt
2. cd to your Desktop
3. type: jupyter notebook