Getting Set Up for INFO 1201

Objectives

1. Download and install Anaconda and Jupyter Notebook
2. Create a cloud-synced folder for INFO 1201
3. Create and save your first Python program

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Download and install Anaconda and Jupyter Notebook

First things first, make sure your computer fulfills the requirements:
1. Are you using a Chromebook or a tablet device like the iPad Pro?
You will not be able to use Anaconda on these devices. Please contact your TA ASAP, so we can figure out a solution for you.

2. Do you have space on your computer?
You need a minimum of 3GB to download and install. If you don't have this space, make some space. (Any photos, videos, or music that could be deleted?)

Step 1: Go to https://www.anaconda.com/products/individual, click the Download button, and then select the appropriate graphical installer for your operating system, either Windows, MacOS, or Linux.

If you are running Windows and are not sure whether your computer is running a 32-bit or a 64 bit version, please click the link below and then click "How can I tell if my computer is running a 32-bit or a 64-bit version of Windows?"

https://support.microsoft.com/en-us/help/15056/windows-32-64-bit-faq

Step 2: Once finishing downloading, locate the downloaded file on your computer. It should be in whichever folder you normally download files to. Open the file by double-clicking it, which will open an install screen.

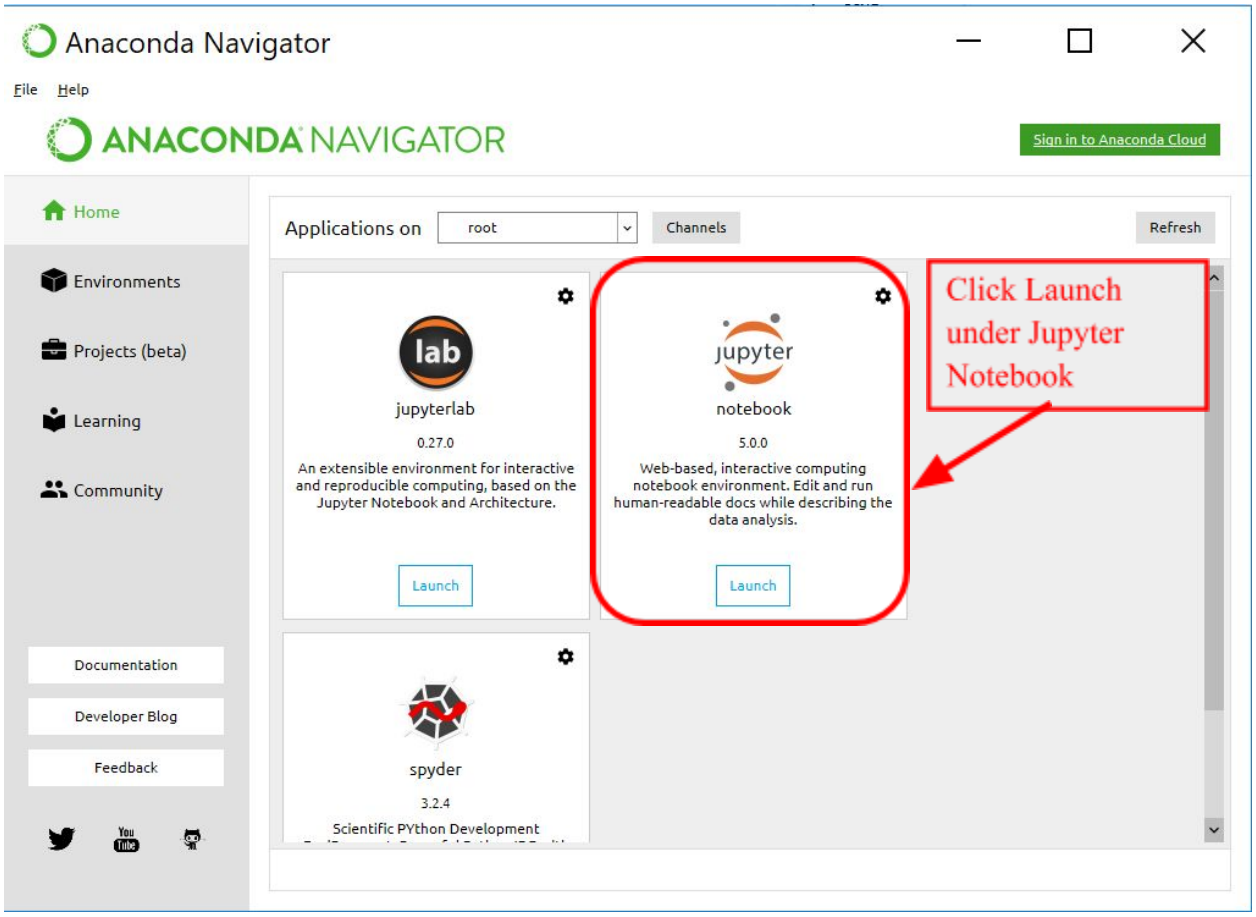
Follow the appropriate installation instructions:

For Apple users, follow the installation instructions on this link:
https://docs.anaconda.com/anaconda/install/mac-os

For Windows users, follow the installation instructions on this link:
https://docs.anaconda.com/anaconda/install/windows

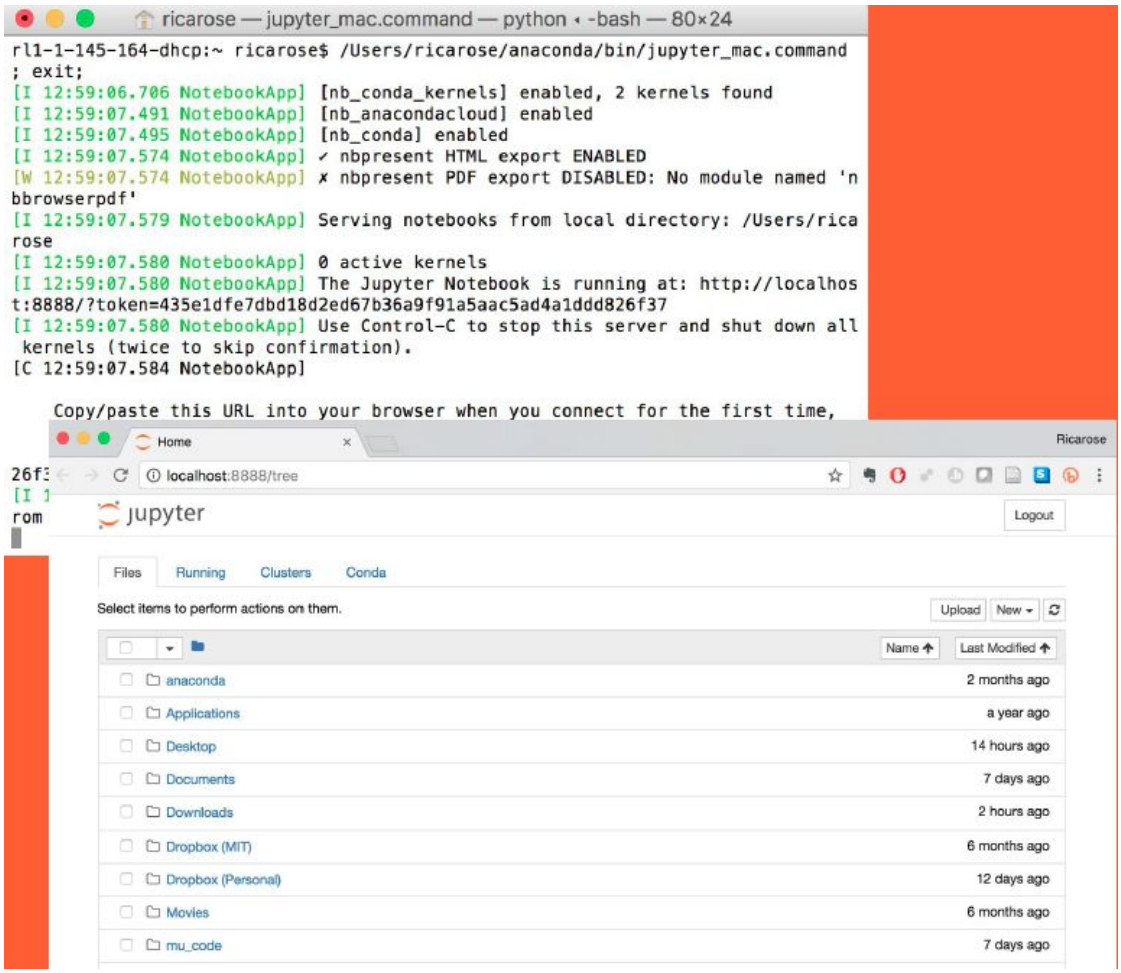
Step 3: Test if your Anaconda works.
For Apple users, go to Finder → Applications → Anaconda Navigator (or search for "Anaconda Navigator")
For Windows users, go to Start → Menu → Anaconda Navigator (or search for "Anaconda Navigator")

When you open Anaconda Navigator, you should see this screen, then click the Launch button under ***Jupyter Notebook***, rather than jupyterlab:



After clicking Launch, you should two screens open:

1. A Terminal (Mac) or Command Line (Windows)
2. A new browser tab or window open with a listing of folders on your computers



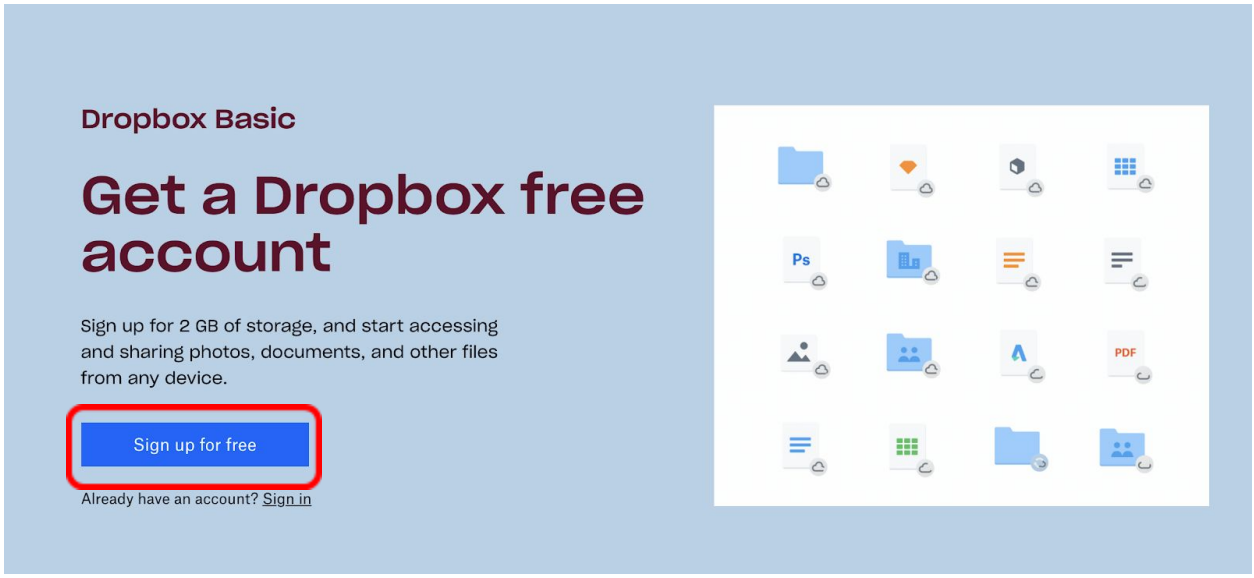
You can ignore the Terminal window (but don't close it), but on your browser, you should see the first screen of Jupyter Notebook.

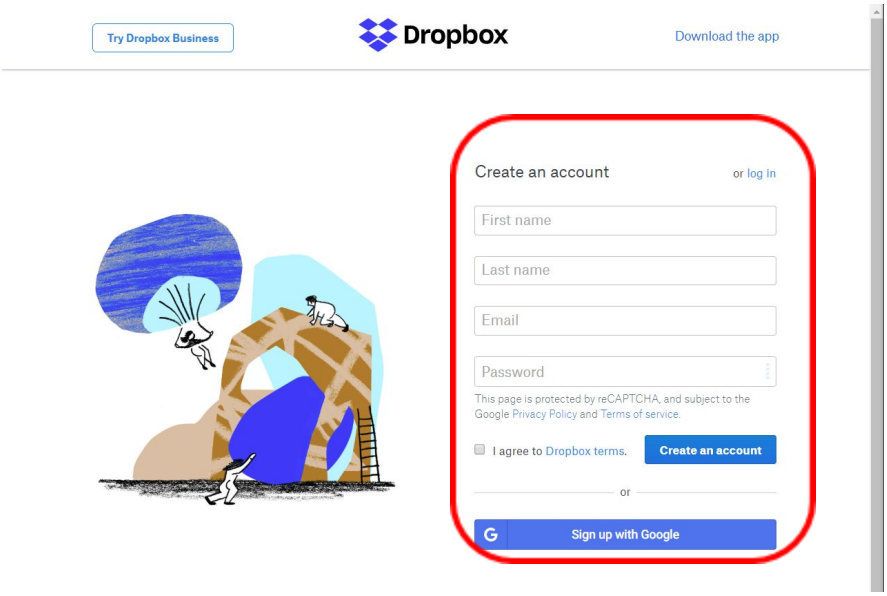
Create a folder for INFO 1201 in Dropbox

(If you already have a Dropbox account, you can skip to Step 2)

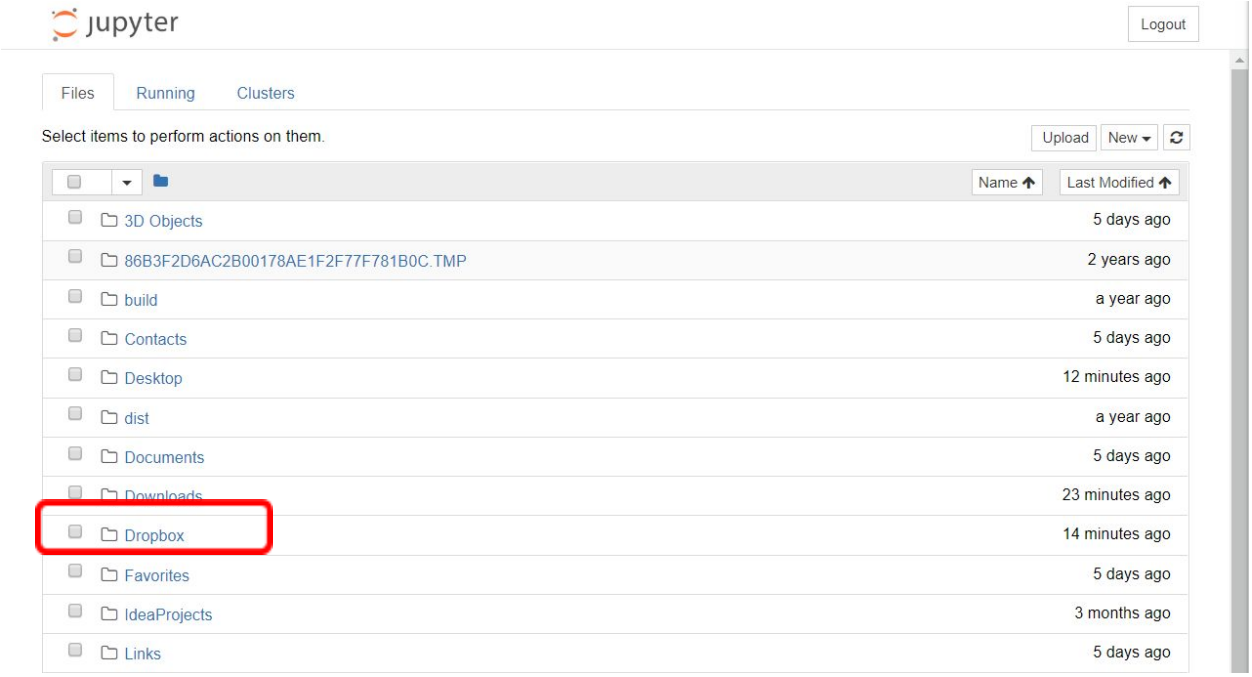
Step1: Go to https://www.dropbox.com/basic, click “Sign up for free”, then create your own account. Follow the website instructions to download and install Dropbox.

Here is a step-by-step instruction on how to create a Dropbox account if you could not successfully install it: https://www.dropbox.com/help/account/create-account



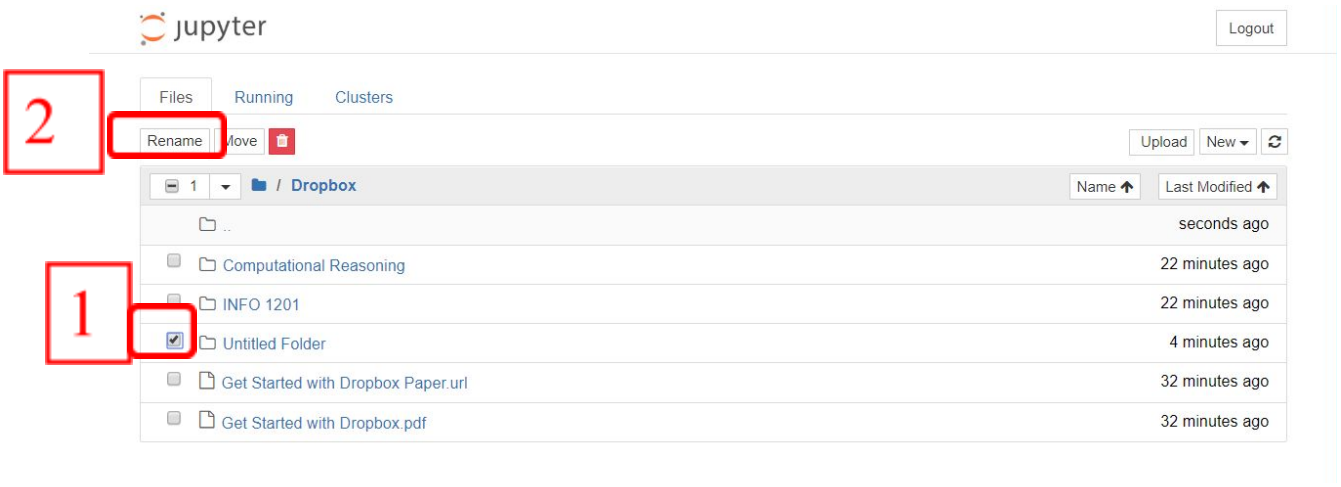


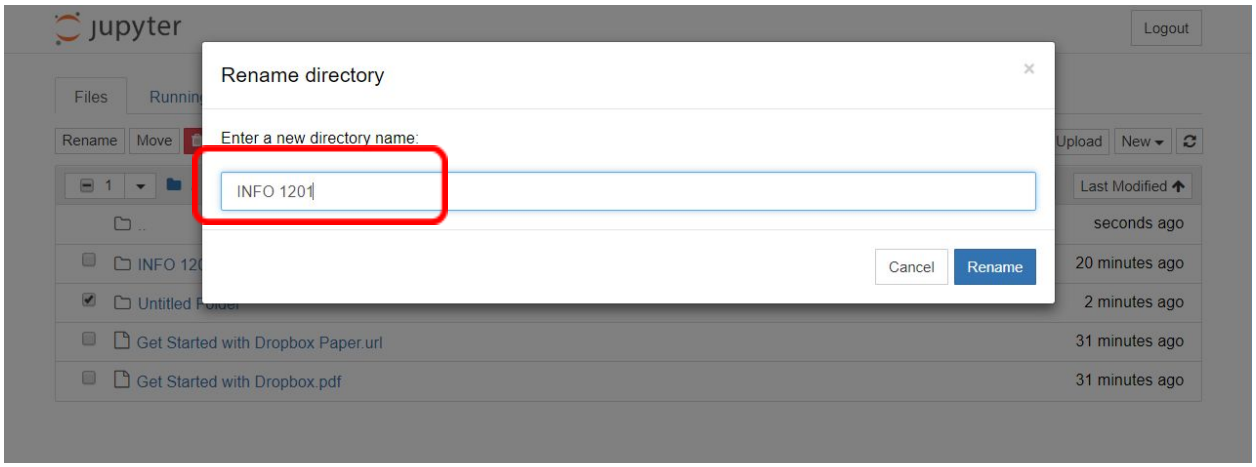
Step 2: Create a INFO 1201 folder in Dropbox. Launch your Jupyter Notebook, you will be navigated to a new page in your browser. Find and open the “Dropbox” folder.



Step 3: Click “New → Folder” to create a folder in your Dropbox, then you will see a folder named “Untitled Folder”.

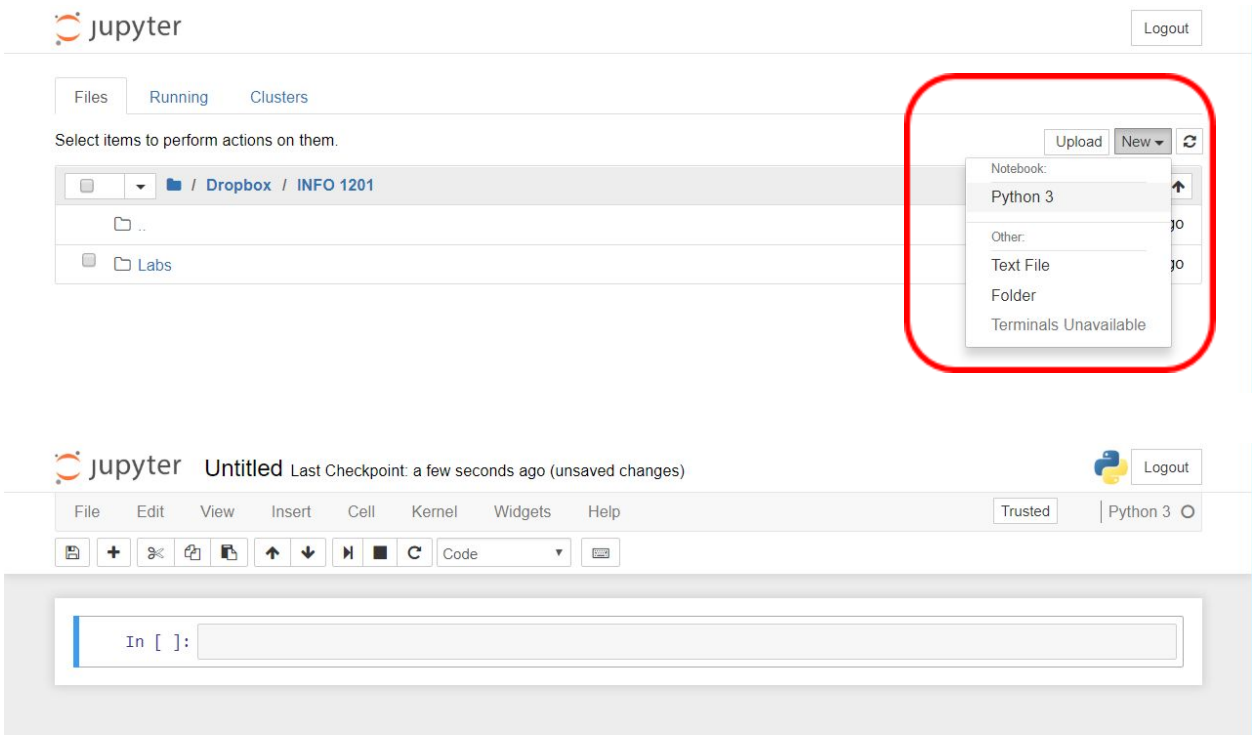
Step 3: Choose the “Untitled Folder”, then click the “Rename” button and rename the folder to “INFO 1201”, click “rename”.



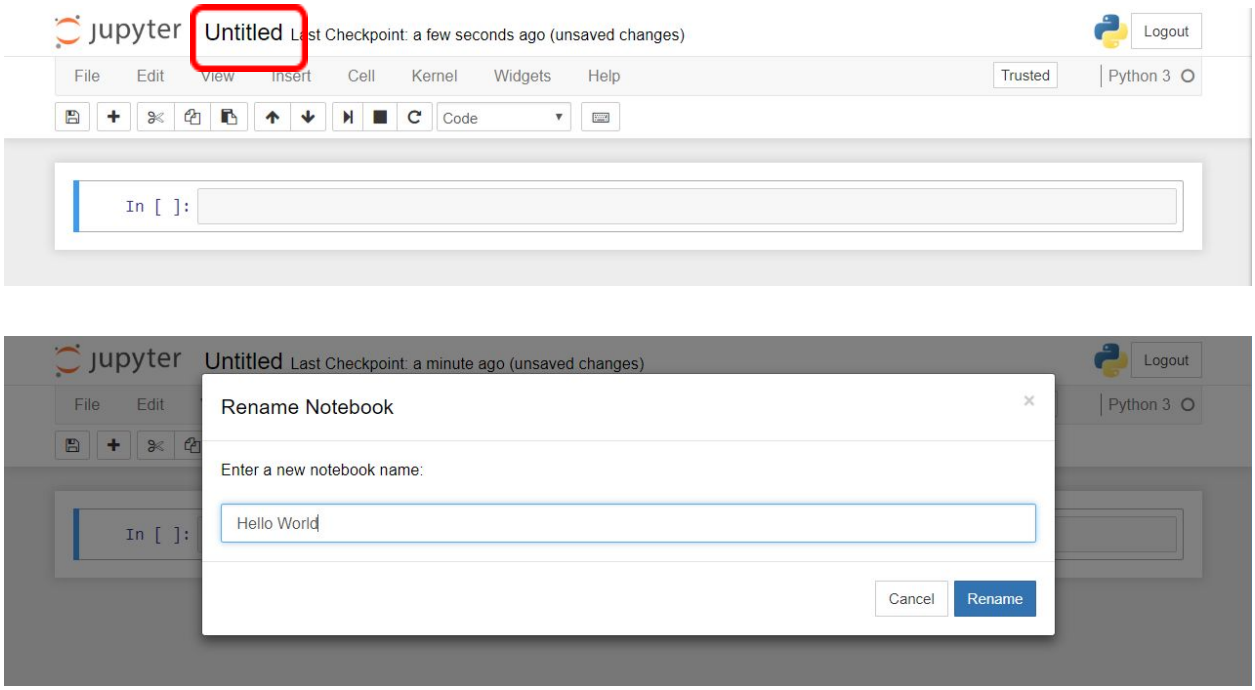


Create your first python program in Jupyter Notebook

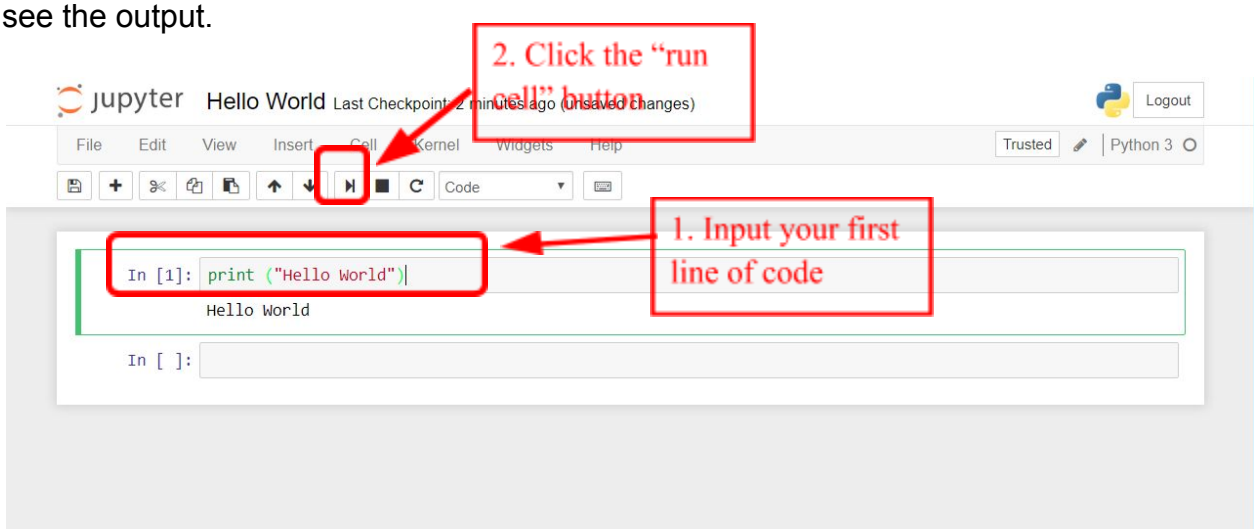
Step 1. Open your INFO 1201 folder in Dropbox, then click “New → Python3”, you will create a new page for your program.



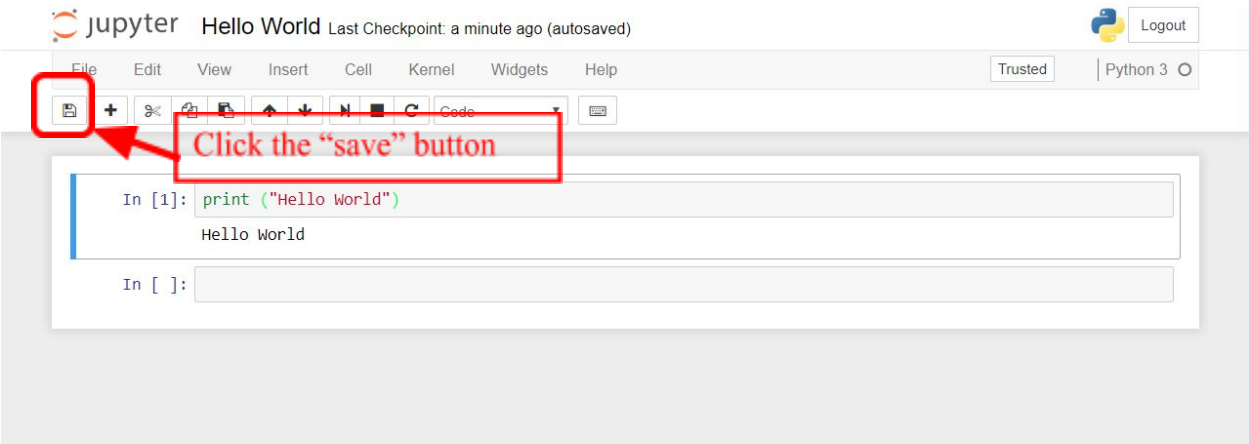
Step 2: Rename your program, click “Untitled”. Input a name that makes sense, then click “rename”.



Step 3: Input “print (“Hello World”)” in the first cell, then click the run cell button, you will see the output.



Step 4: Save your code to your INFO 1201 folder. As shown in the following picture, click the “Save” button on the top right, then you will find a file “Hello World.ipynb” in your INFO 1201 folder. Done!




jupyter
Logout
Files
Running
Clusters
Select items to perform actions on them.
Upload
New
/ Dropbox / INFO 1201
Name
Last Modified
..
seconds ago
Labs
29 minutes ago
Hello World.ipynb
Running
seconds ago