



## 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.

The screenshot shows the 'Anaconda Installers' page with three columns for Windows, MacOS, and Linux. Each column lists Python 3.8 installers with their bitness and file sizes.

Windows	MacOS	Linux
Python 3.8 64-Bit Graphical Installer (466 MB) 32-Bit Graphical Installer (397 MB)	Python 3.8 64-Bit Graphical Installer (462 MB) 64-Bit Command Line Installer (454 MB)	Python 3.8 64-Bit (x86) Installer (550 MB) 64-Bit (Power8 and Power9) Installer (290 MB)

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:

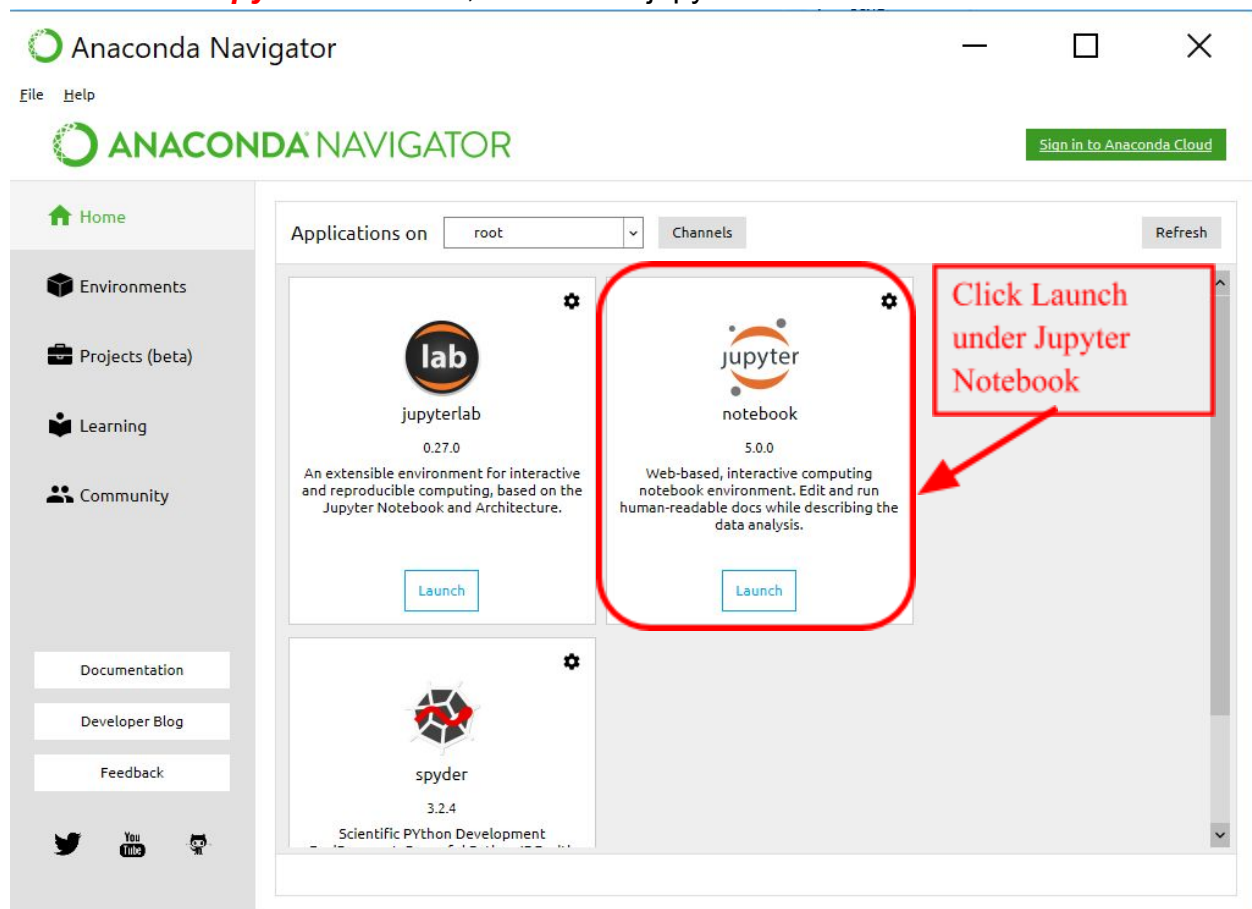
<https://docs.anaconda.com/anaconda/install/windows>

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

The screenshot shows a terminal window at the top and a web browser window below it. The terminal window title is 'ricarose — jupyter\_mac.command — python — -bash — 80x24'. It displays the output of running the Jupyter Notebook command, showing that the server is running at `http://localhost:8888/?token=435e1dfe7dbd18d2ed67b36a9f91a5aac5ad4a1ddd826f37`. The browser window title is 'Home' and the address bar shows 'localhost:8888/tree'. The Jupyter Notebook interface is displayed, showing a file tree with folders like 'anaconda', 'Applications', 'Desktop', 'Documents', 'Downloads', 'Dropbox (MIT)', 'Dropbox (Personal)', 'Movies', and 'mu\_code'. The 'mu\_code' folder is highlighted.

```
ricarose$ /Users/ricarose/anaconda/bin/jupyter_mac.command
; exit;
[I 12:59:06.706 NotebookApp] [nb_conda_kernels] enabled, 2 kernels found
[I 12:59:07.491 NotebookApp] [nb_anacondacloud] enabled
[I 12:59:07.495 NotebookApp] [nb_conda] enabled
[I 12:59:07.574 NotebookApp] ✓ nbpresent HTML export ENABLED
[W 12:59:07.574 NotebookApp] ✗ nbpresent PDF export DISABLED: No module named 'nbpresent'
[I 12:59:07.579 NotebookApp] Serving notebooks from local directory: /Users/ricarose
[I 12:59:07.580 NotebookApp] 0 active kernels
[I 12:59:07.580 NotebookApp] The Jupyter Notebook is running at: http://localhost:8888/?token=435e1dfe7dbd18d2ed67b36a9f91a5aac5ad4a1ddd826f37
[I 12:59:07.580 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 12:59:07.584 NotebookApp]
```

Copy/paste this URL into your browser when you connect for the first time,

26f: [I 12:59:07.580 NotebookApp] The Jupyter Notebook is running at: http://localhost:8888/?token=435e1dfe7dbd18d2ed67b36a9f91a5aac5ad4a1ddd826f37

rom

jupyter

Logout

Select items to perform actions on them.

Upload New

	Name	Last Modified
<input type="checkbox"/>	anaconda	2 months ago
<input type="checkbox"/>	Applications	a year ago
<input type="checkbox"/>	Desktop	14 hours ago
<input type="checkbox"/>	Documents	7 days ago
<input type="checkbox"/>	Downloads	2 hours ago
<input type="checkbox"/>	Dropbox (MIT)	6 months ago
<input type="checkbox"/>	Dropbox (Personal)	12 days ago
<input type="checkbox"/>	Movies	6 months ago
<input type="checkbox"/>	mu_code	7 days ago

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>

The image shows two screenshots from the Dropbox website. The top screenshot is the 'Dropbox Basic' landing page, which features the text 'Get a Dropbox free account' and a 'Sign up for free' button highlighted with a red rectangle. Below the button is a link for existing users. The bottom screenshot shows the account creation form, also with a red rectangle highlighting the fields. The form includes input boxes for first name, last name, email, and password, a checkbox for agreeing to terms, a 'Create an account' button, and a 'Sign up with Google' button at the bottom.

**Dropbox Basic**

## Get a Dropbox free account

Sign up for 2 GB of storage, and start accessing and sharing photos, documents, and other files from any device.

**Sign up for free**

Already have an account? [Sign in](#)

[Try Dropbox Business](#) **Dropbox** [Download the app](#)

Create an account [or log in](#)

First name

Last name

Email

Password

This page is protected by reCAPTCHA, and subject to the Google Privacy Policy and Terms of service.

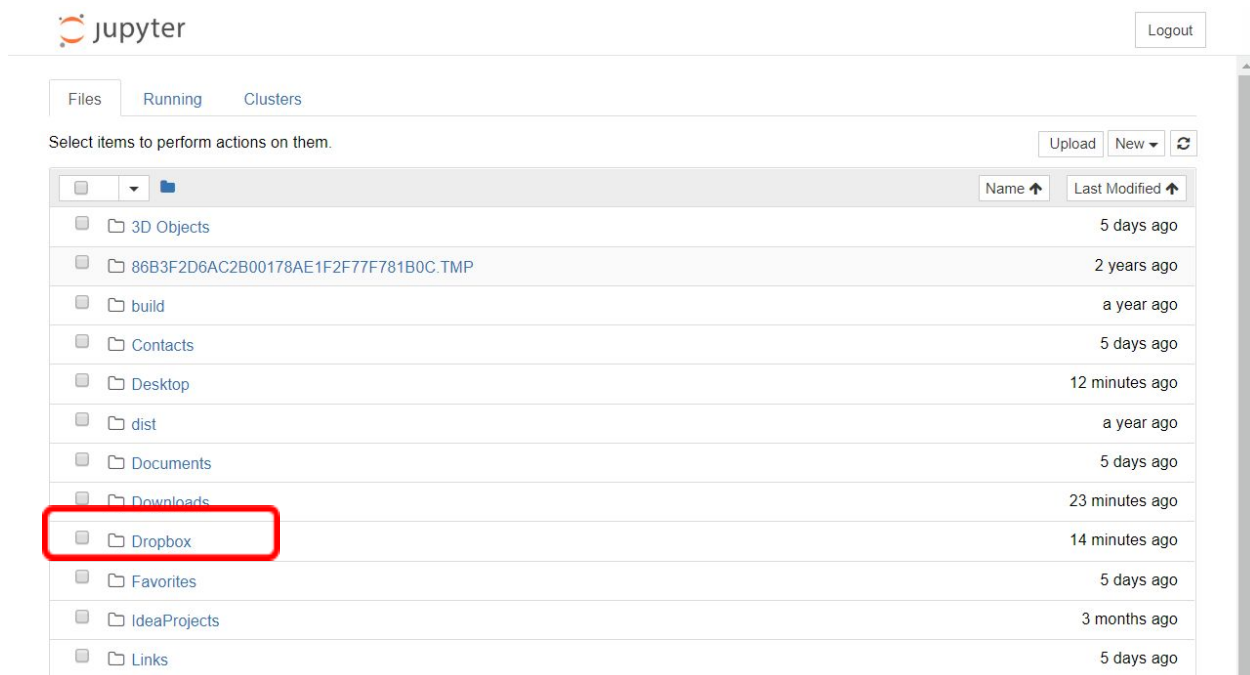
☐ I agree to Dropbox terms. **Create an account**

or

**Sign up with Google**



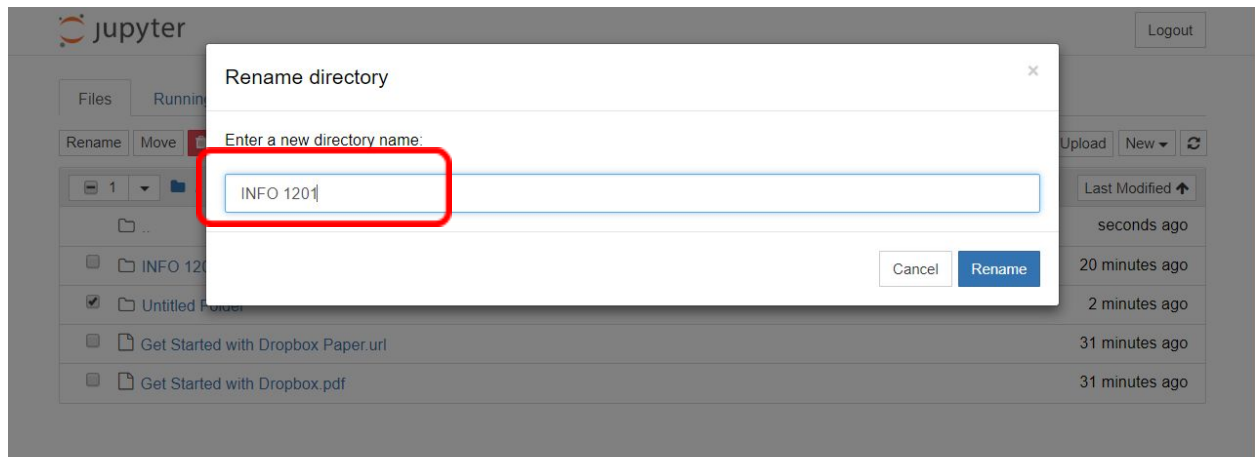
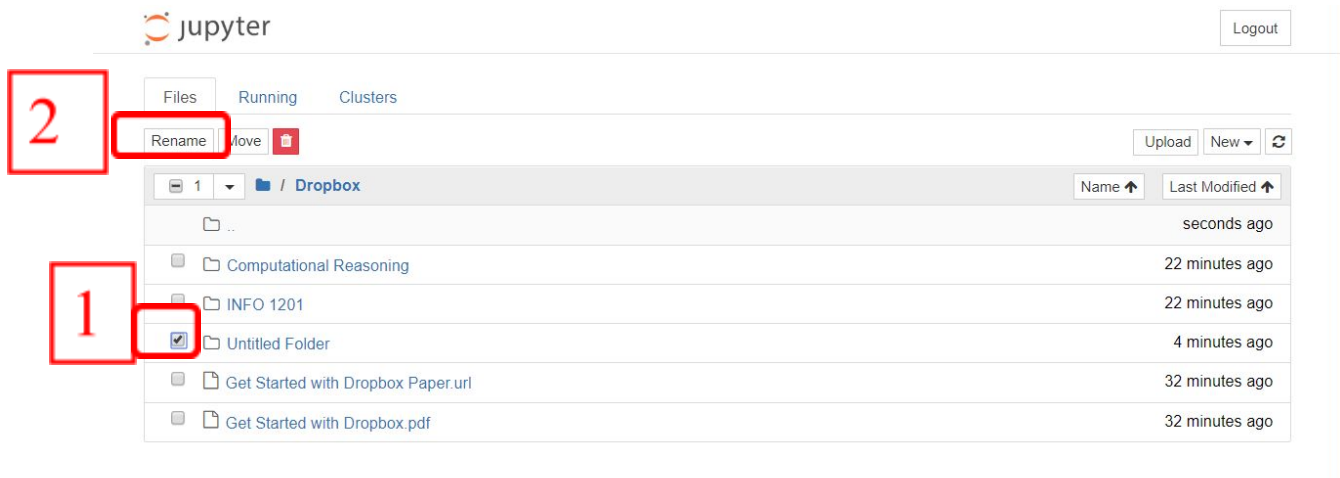
Step 2: Create a INFO 1201 folder in Dropbox. Launch your Jupyter Notebook, you will be navigated to a new page in your browser. Find and open the “Dropbox” folder.



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”.

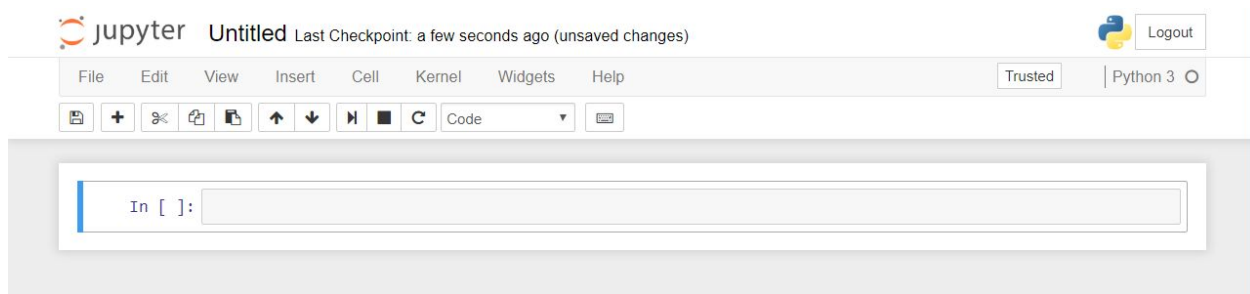


## Create your first python program in Jupyter Notebook

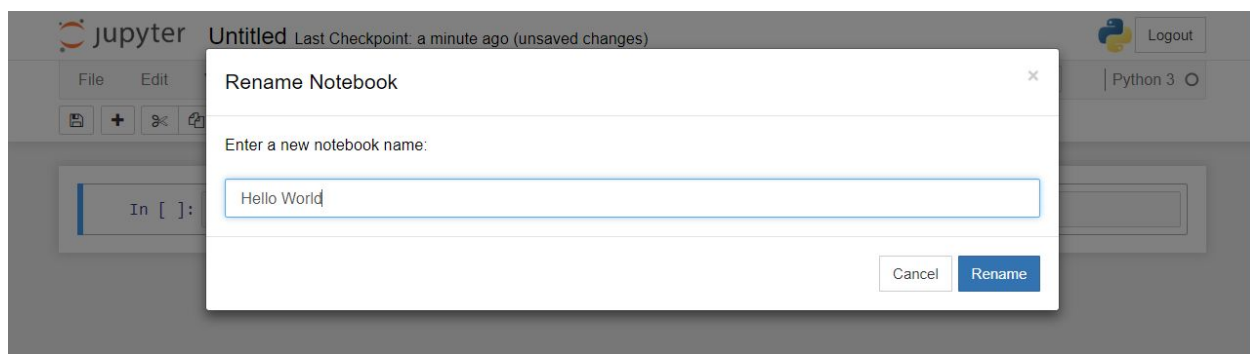
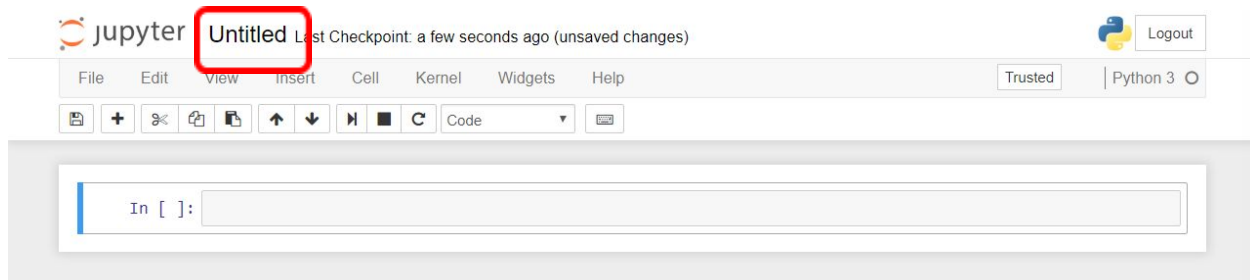
Step 1. Open your INFO 1201 folder in Dropbox, then click “New → Python3”, you will create a new page for your program.



## INFO 1201 - Computational Reasoning



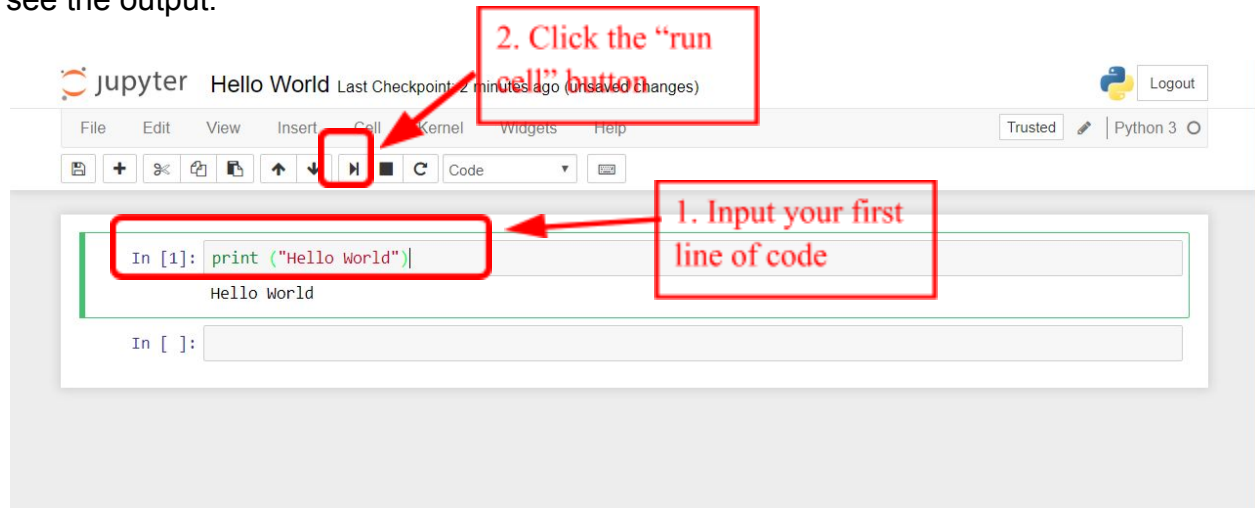
Step 2: Rename your program, click “Untitled”. Input a name that makes sense, then click “rename”.



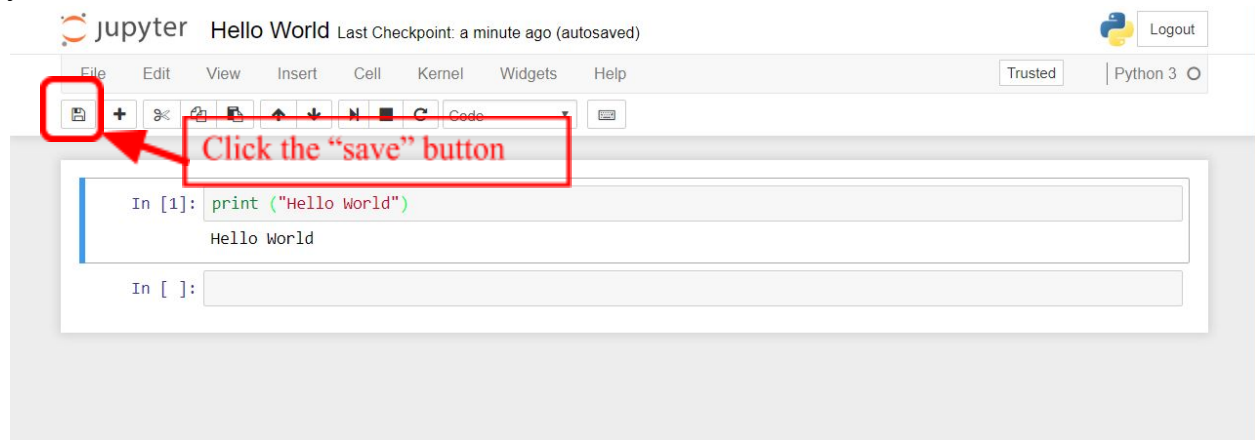




Step 3: Input “print (“Hello World”)” in the first cell, then click the run cell button, you will see the output.



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!





## INFO 1201 - Computational Reasoning

jupyter Logout

Files Running Clusters

Select items to perform actions on them. Upload New ↺

☐ ▼ 📁 / Dropbox / INFO 1201 Name ↑ Last Modified ↑

<span>📁</span> ..	seconds ago
<span>📁</span> Lab	29 minutes ago
<span>☐</span> <span>📄</span> Hello World.ipynb	Running seconds ago