1. Click on the link below to open the download page
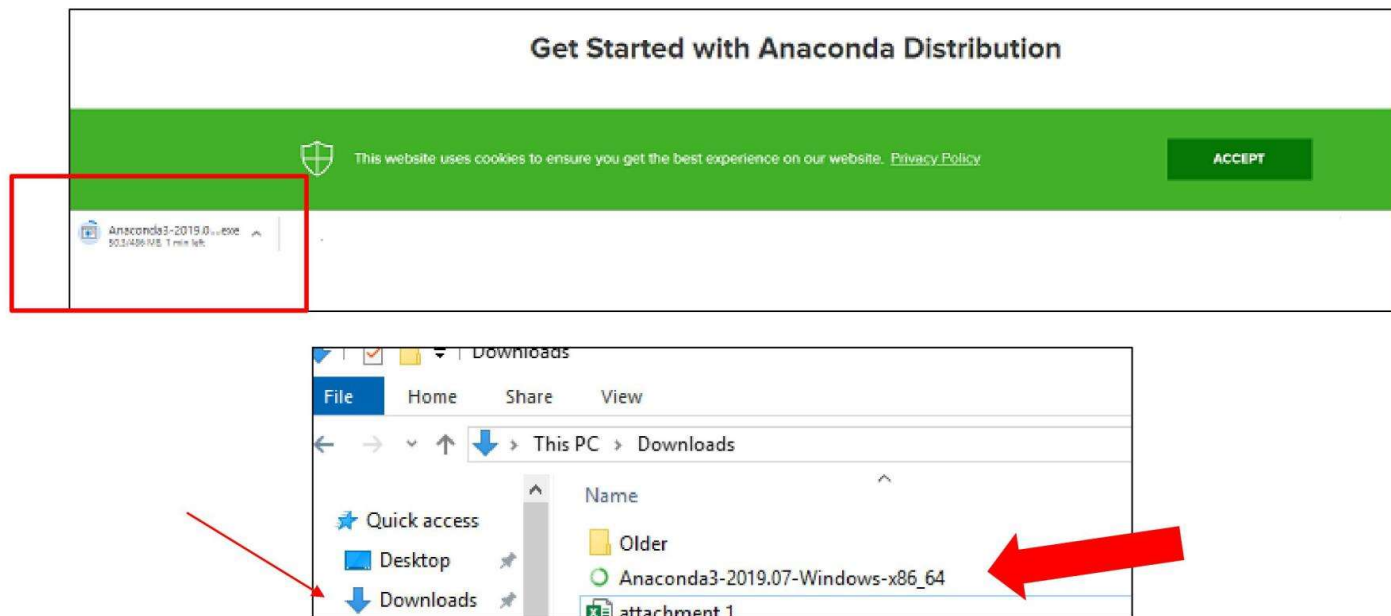
   https://www.anaconda.com/download/#windows

2. Click on the **Download** button and check for the compatibility of your system. Then, it will start downloading.
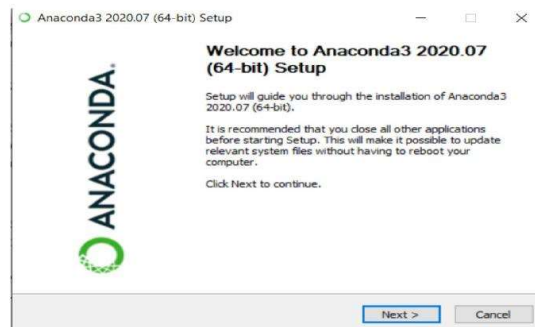

3. Double click the installer to launch.

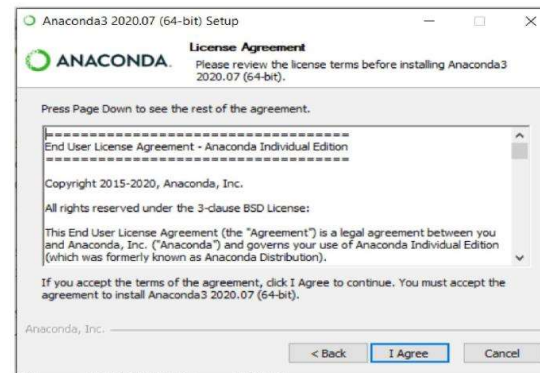# Anaconda File Download - continued

Once you select download you will see the following appear in your browser, bottom left. This is your Anaconda executable file and it will download to your **Downloads** folder.
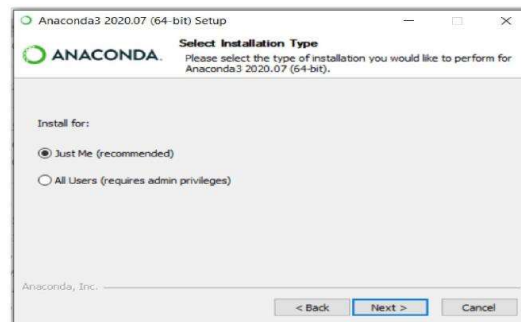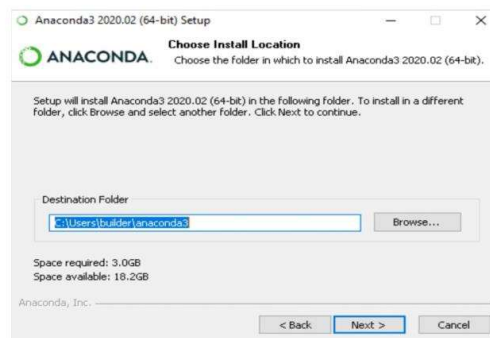
4. Click on Next.

5. Read the license agreement and click on "I Agree".

6. Select installation type "Just Me" unless you're installing it for all users (which require Windows Administrator privileges) and click on Next.
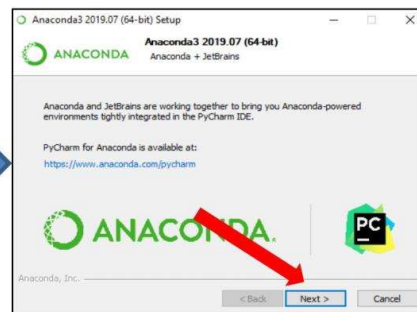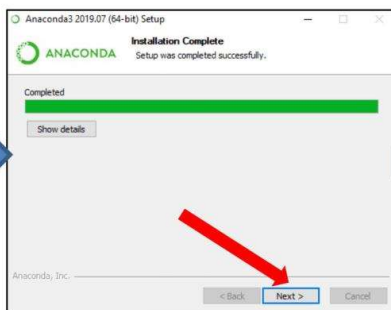

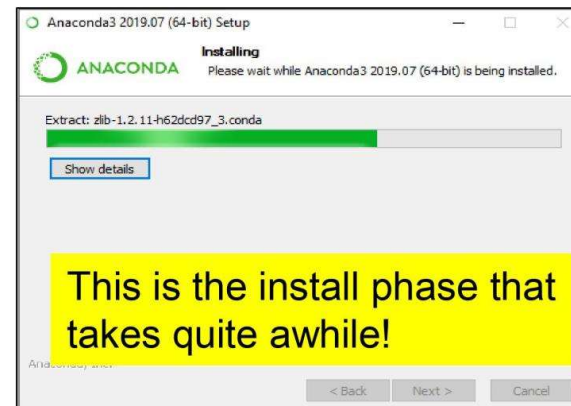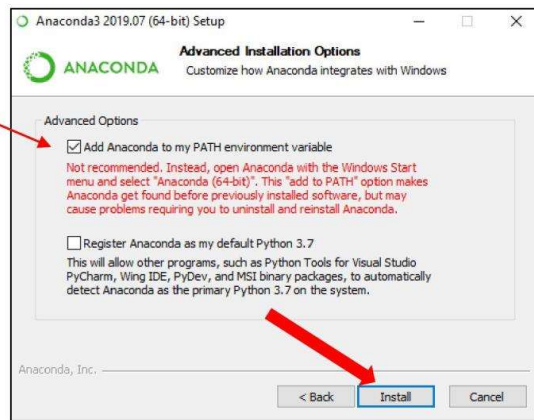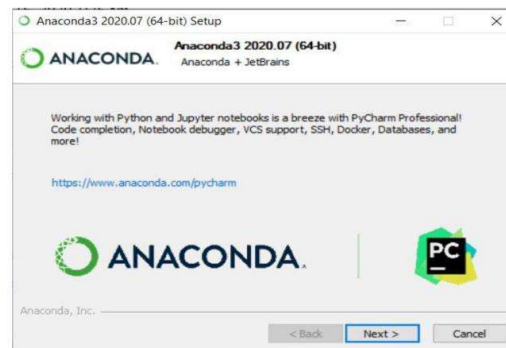7. Select a **destination folder** to install Anaconda and click the Next button.
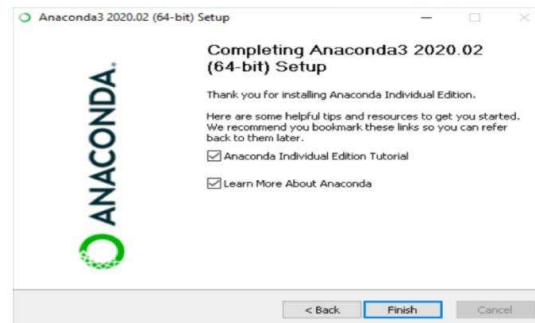
Install - continued

- Select: Add Anaconda to my PATH environment variable. Now wait for the install. This will take quite a long time…

@HatchAndrea

10. Click on the Next button.

11. And then click the Finish button.

12. After a successful installation you will see the "Thanks for installing Anaconda" dialog box.

What is conda and conda environment?
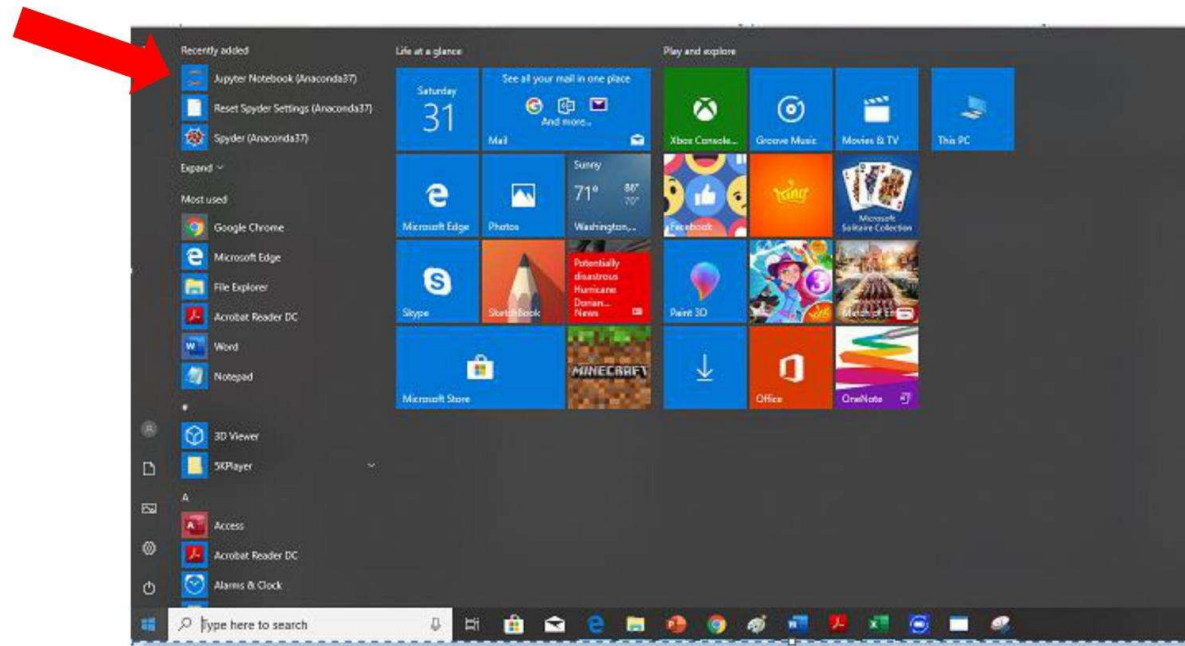
- ***What is conda?***

Conda is a powerful package manager and environment manager that you use with command line commands at the Anaconda Prompt for Windows, or in a terminal window for macOS or Linux.

- ***What is a conda environment?***

Conda allows you to create separate **environments** containing files, packages and their dependencies that will not interact with other **environments**. When you begin using **conda**, you already have a default **environment** named **base** . You don't want to put programs into your **base environment**, though. (Note: it is a virtual environment!)
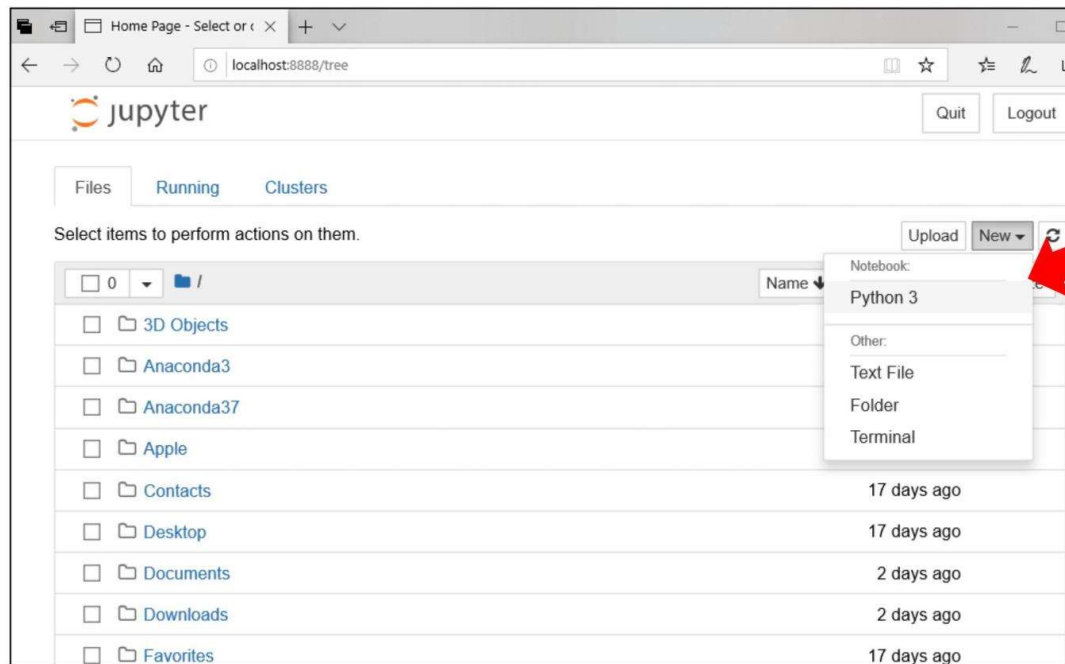
Check for your Anaconda App

- Check your Windows list of applications (bottom left) and you will see Jupyter Notebook 37 at the top of the column since you just installed it.
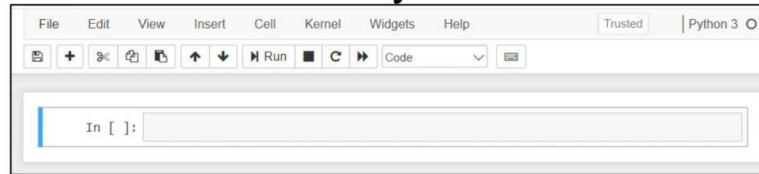- Select Jupyter Notebook (Anaconda37).

How to open a Notebook

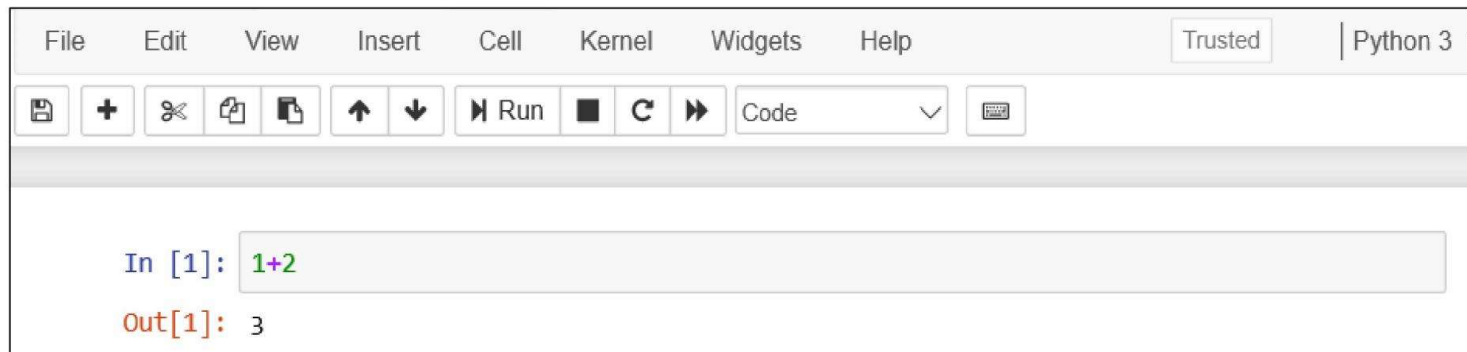- In the Anaconda display select the New button and Python 3

Jupyter Notebook: Try a simple example

- You have input cells in Jupyter notebooks to run your input and show your results. You can also make any field a comments called a Markdown cell.

- In the **In** cell you type simple commands one line at a time or an entire function (we'll get to that later).

- Type 1+2 and then select either the run symbol ▶ Run or Control-Enter

- You will now have an output cell that will display: 3. You have to '*run*' each cell to recognize your input or to print an output.

```
In [1]: 1+2
Out[1]: 3
```
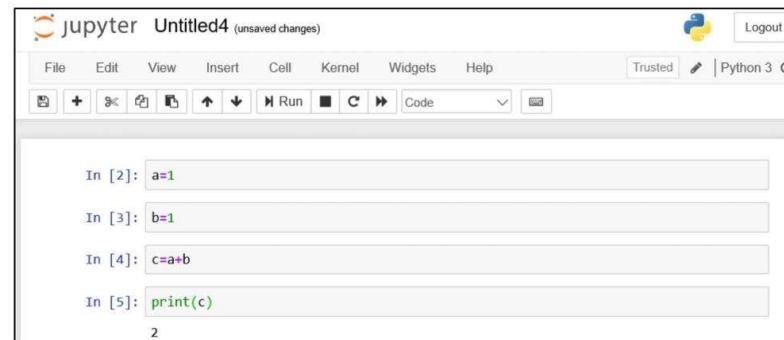
A Python example

- Try this simple Python example
1. In the first cell type: a=1 then select [Run]
2. In the next cell type b=1 then select [Run]
3. In the third cell type c=a+b then select [Run]
4. In the fourth cell type print(c) then select [Run]

Saving your Notebook File

- Your notebook is currently not saved and does not have an intuitive title.

- Under Files select Rename and name your notebook: myfirstnotebook

- Select Files -> Save and Checkpoint

- Let's close your notebook by selecting Files -> Close and Halt

- You will have a file called MyFirstNotebook.ipynb. This is one of the files you need to submit for homework. The other is a pdf.

- In your Anaconda command prompt hit Control-C this will kill your browser.

- Open terminal window and type juypter notebook.

- Now you will see your notebook that you created and can select it or open a new notebook by selecting "New" in the righthand corner.