Anaconda Installation Guide

In this course, we use Python 3.X version, not Python 2.X.

1. Download Anaconda package from the official website:
   - Download link: https://www.anaconda.com/products/individual
   - Scroll down the webpage until you see this section:

   - Choose the suitable version according to your operating system.
   - Then click on the target software we need to install:

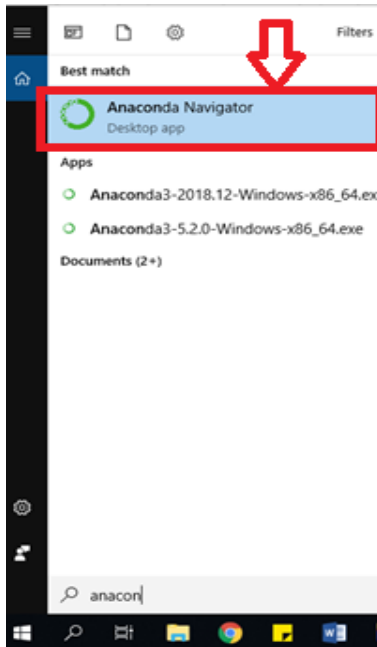2. Follow the instructions based on the operating system of your machine:
   - Windows guide: https://docs.anaconda.com/anaconda/install/windows/
   - macOS guide: https://docs.anaconda.com/anaconda/install/mac-os/
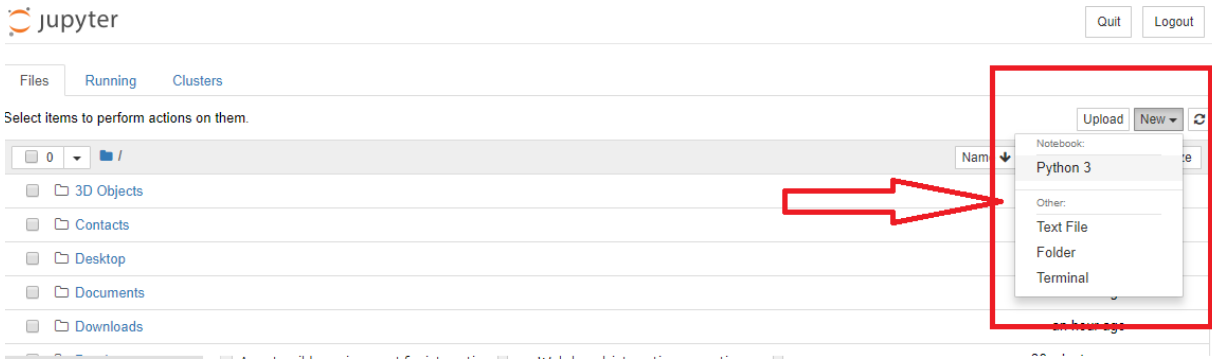   - Linux guide: https://docs.anaconda.com/anaconda/install/linux/

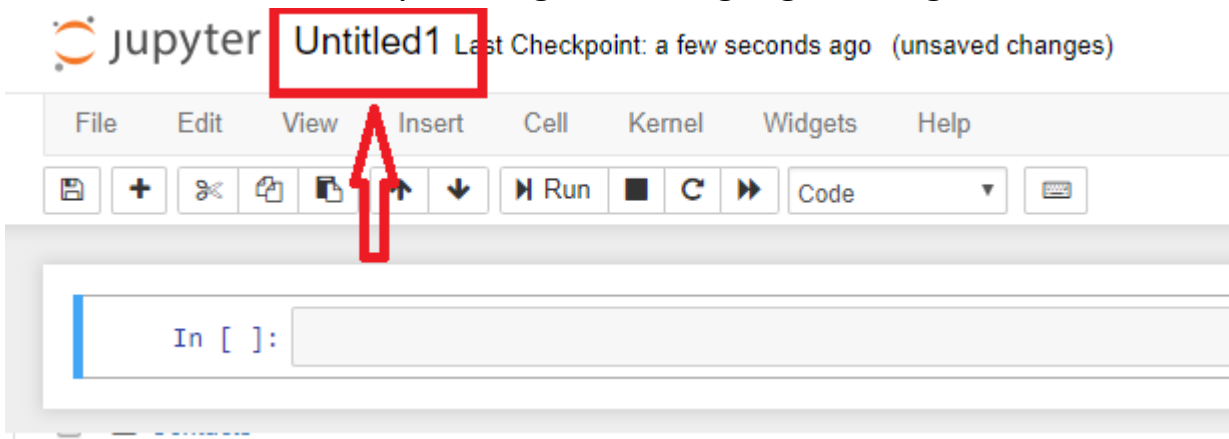3. After installation, open Anaconda navigator:

4. Then, open Jupyter notebook as indicated below:
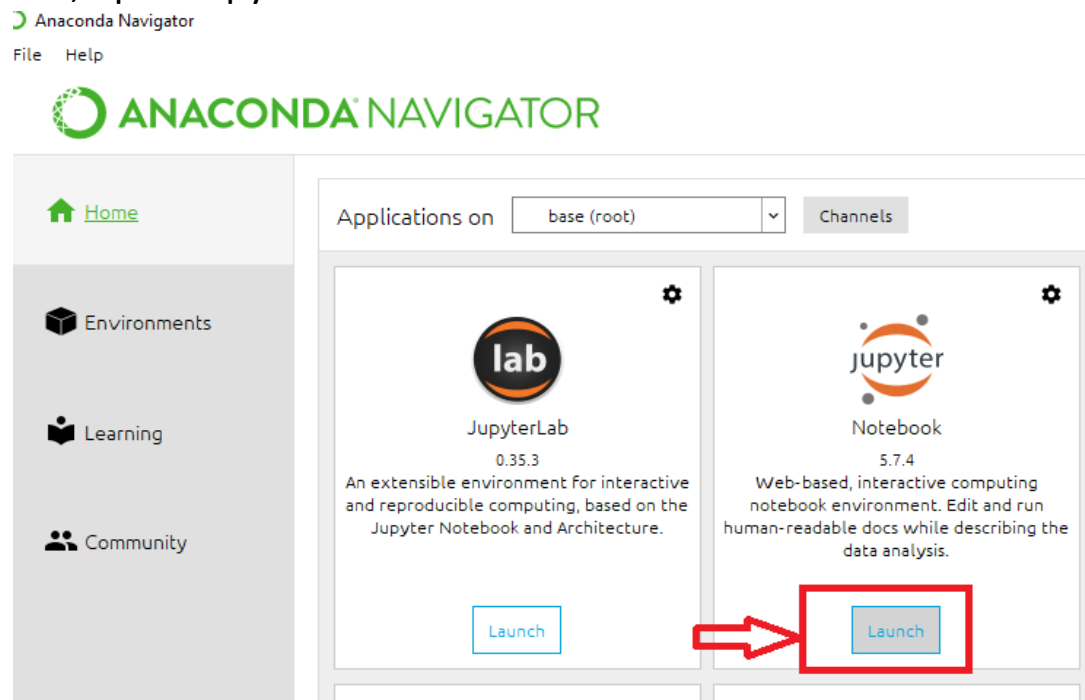
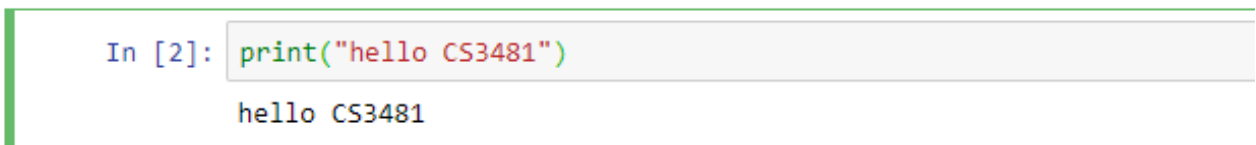5. Open a new notebook: new -> Python 3

6. Rename the notebook by clicking on the highlighted region as shown below:

7. Writing your first Python command line:

```
print("hello CS3481")
```

After you input the command, press Shift + Enter to execute the command

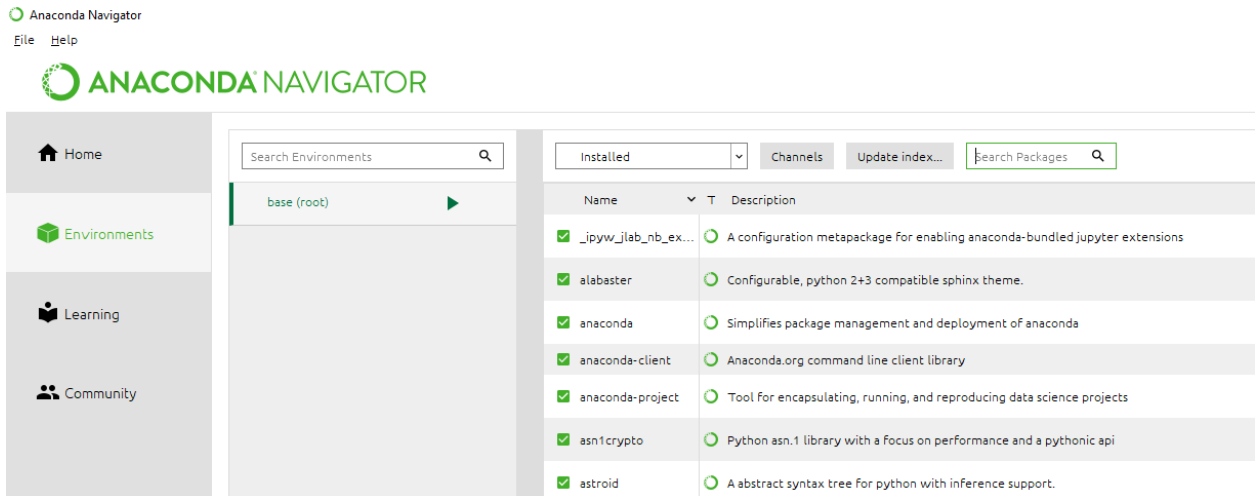8. For installing new packages such as "graphviz":
- First check whether the package has been installed.
- If you find the error below, this means the package is not installed.

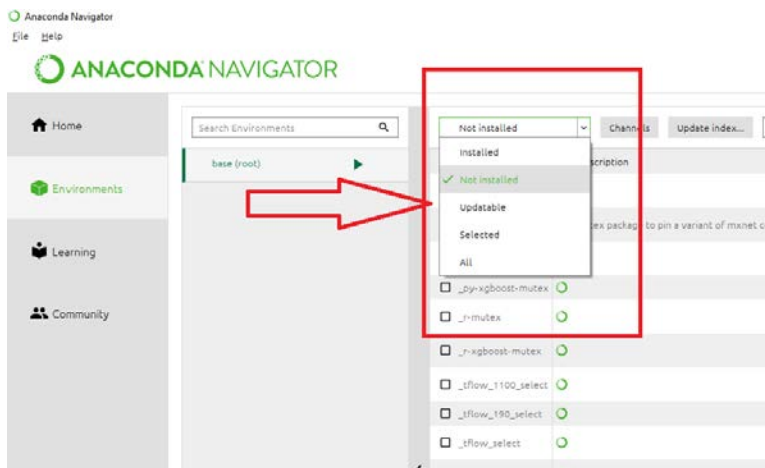- To install a new package, open Anaconda navigator and click on "Environments" on the left of the screen
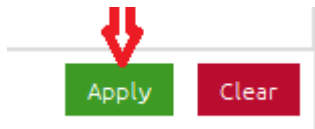

- Then change "Installed" to "Not installed"

- Input the package name you want to install (in our case "graphviz"). Then select the package name as shown in the following snapshot. If the package name does not appear in the list, please click on the "*Update index* " button to refresh the list.
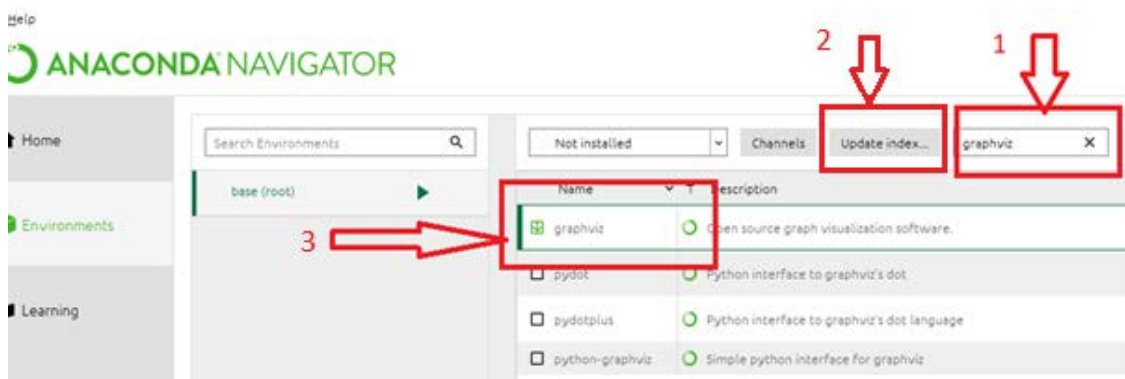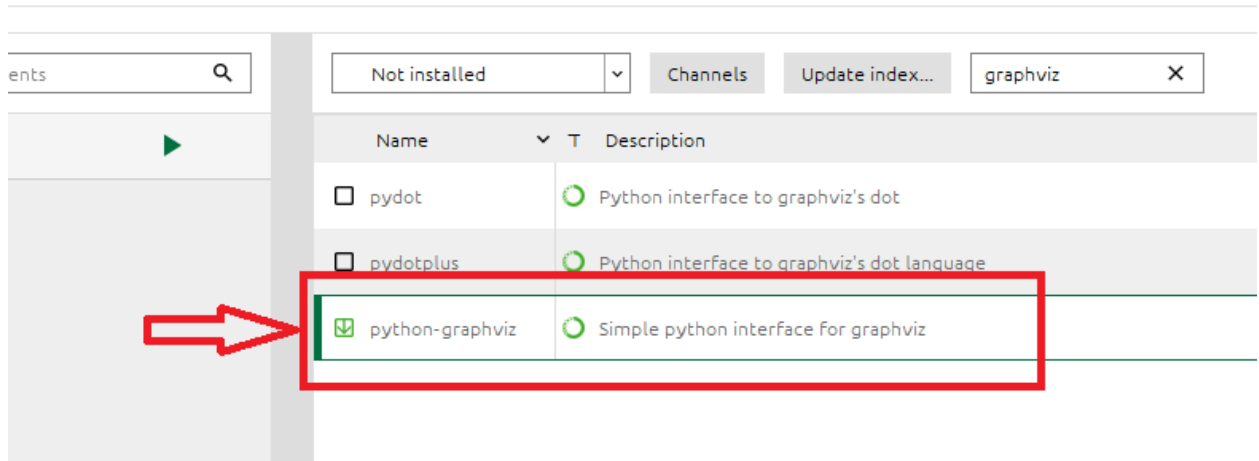
- Click on the Apply button. The installation process will take a few minutes.

- After that, install "python-graphviz".

- Then go to the Jupyter notebook page and run the command "**import graphviz**".