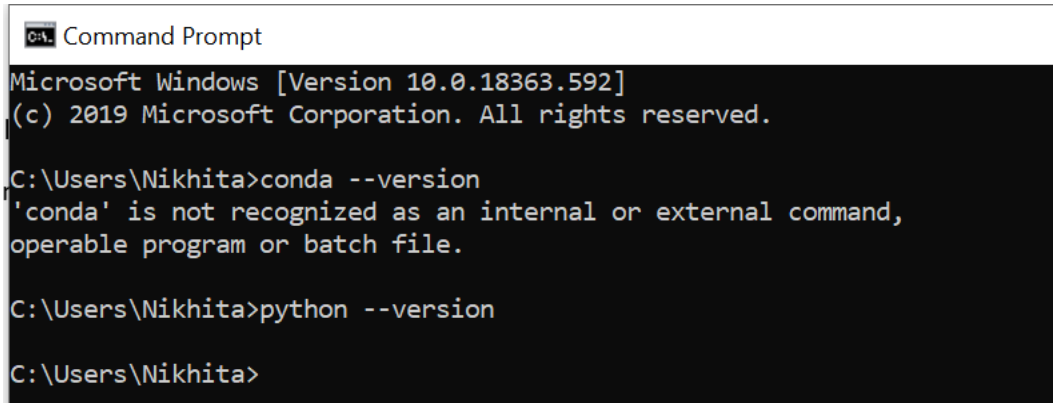
Anaconda Installation Guide

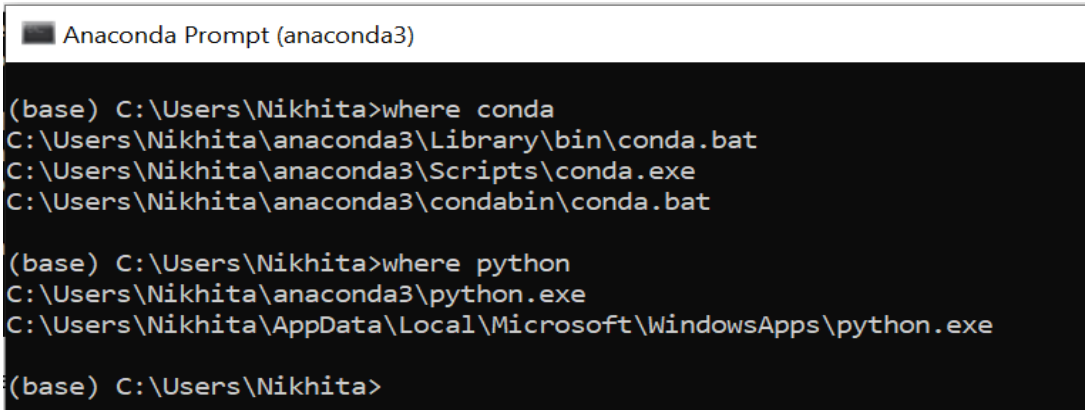
Step1: Install Anaconda https://www.anaconda.com/distribution/#windows

Step 2: Open cmd and check for conda and python insatllations



The path is not recognized above, we must add the path in the environmental variables.

To check for the path, open *Anaconda Prompt* and type below commands:



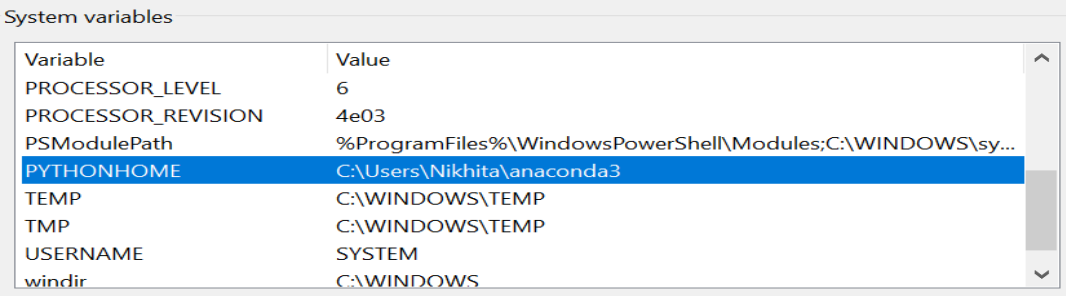
Step 3: Save Path in Environment Variables

Consider the .exe files from both commands above and save it in Path of system variables

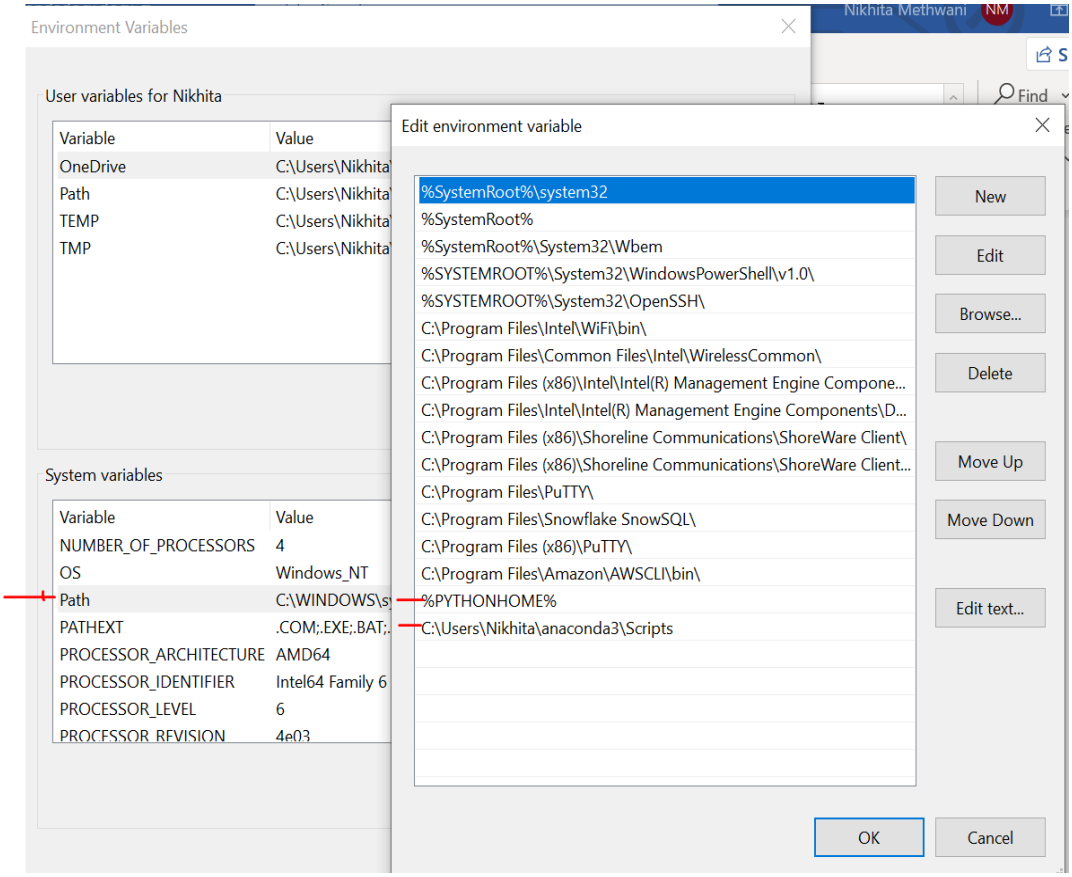
C:\Users\Nikhita\anaconda3

C:\Users\Nikhita\anaconda3\Scripts

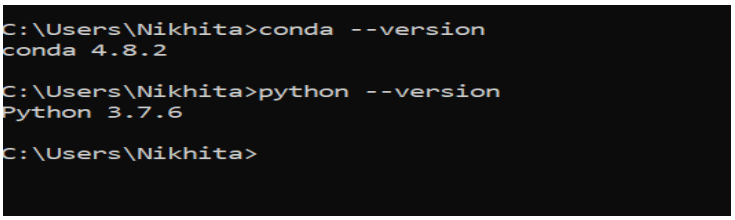
1) Create a variable " PYTHONHOME" and copy "C:\Users\Nikhita\anaconda3"



2) In Path of System Variables: Add the paths highlighted below:

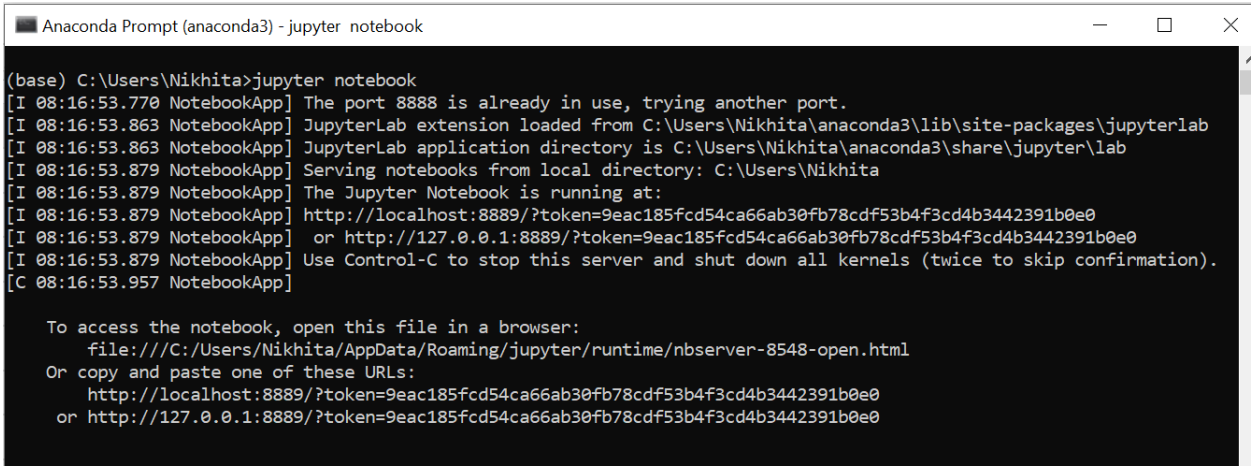


Run the commands in cmd to check if it is being recognized now, we can see it reflecting now:

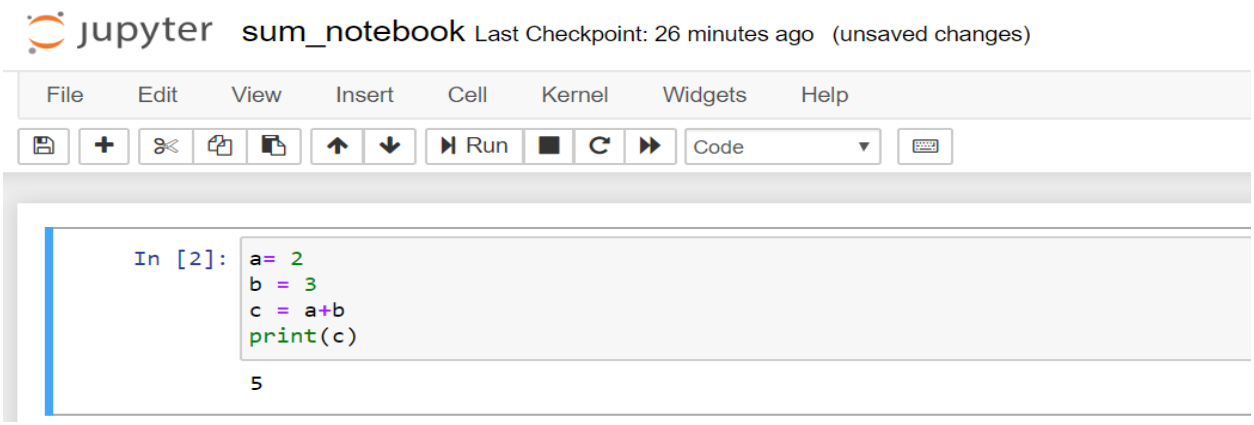


Step 4: Run Jupyter Notebook from Terminal

Open *Anaconda Prompt*: It creates a host which will directly open the Jupyter notebook

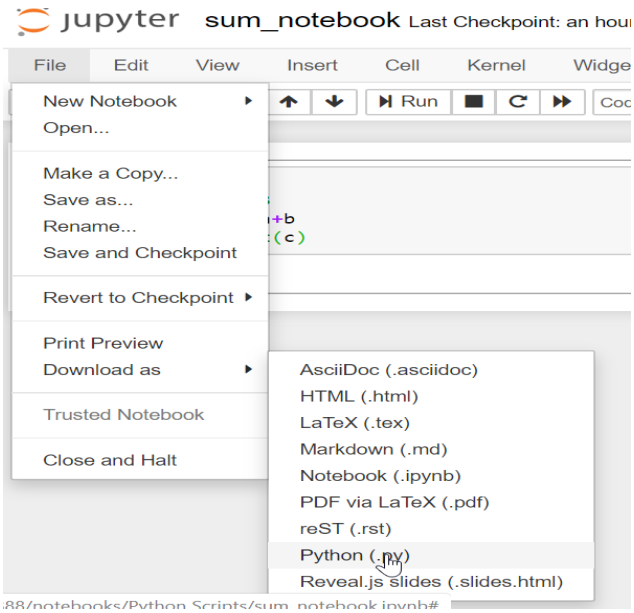


Create a python notebook (eg:sum_notebook) and save it

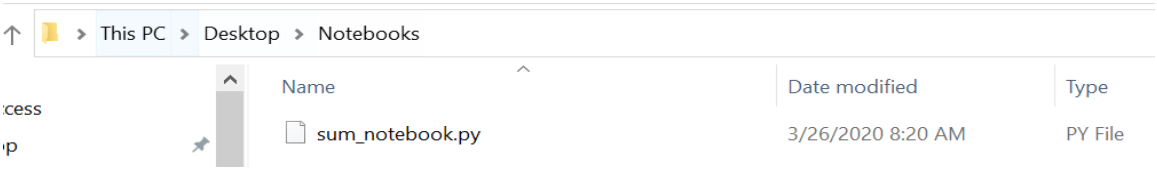


Step 5: Running python notebooks from terminal

Download the notebook as "**.py**" file in a location eg →C:\Users\Nikhita\Desktop\Notebooks



Open cmd: run the notebook by specifying the path of notebook



Type **python "notebook_name" .py** command.

The command runs the notebook and displays results at the output

```
C:\Users\Nikhita\Desktop\Notebooks>python sum_notebook.py
5
```

Step 6: Coding Python from Terminal

From the cmd use command **Ipython.**

It will start up the python environment to code:

```
C:\Users\Nikhita>ipython
C:\Users\Nikhita\anaconda3\lib\site-packages\IPython\core\history.py:226: Us
your history will not be saved
  warn("IPython History requires SQLite, your history will not be saved")
Python 3.7.6 (default, Jan  8 2020, 20:23:39) [MSC v.1916 64 bit (AMD64)]
Type 'copyright', 'credits' or 'license' for more information
IPython 7.12.0 -- An enhanced Interactive Python. Type '?' for help.

In [1]: a =2

In [2]: b =3

In [3]: c = a + b

In [4]: c
Out[4]: 5
```