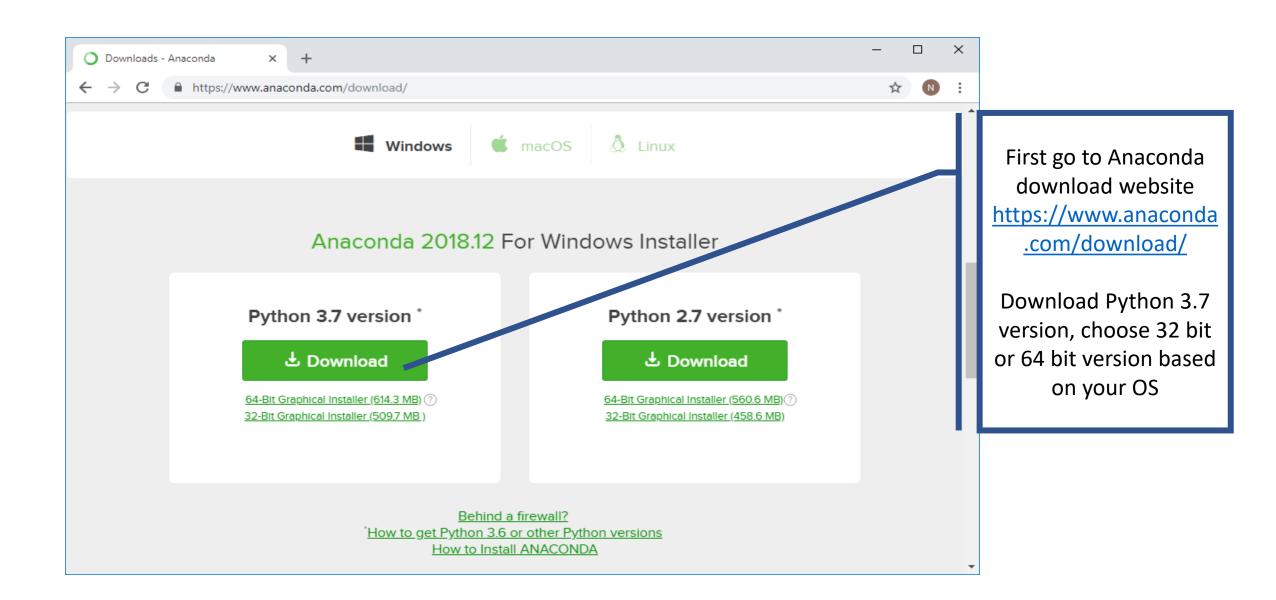


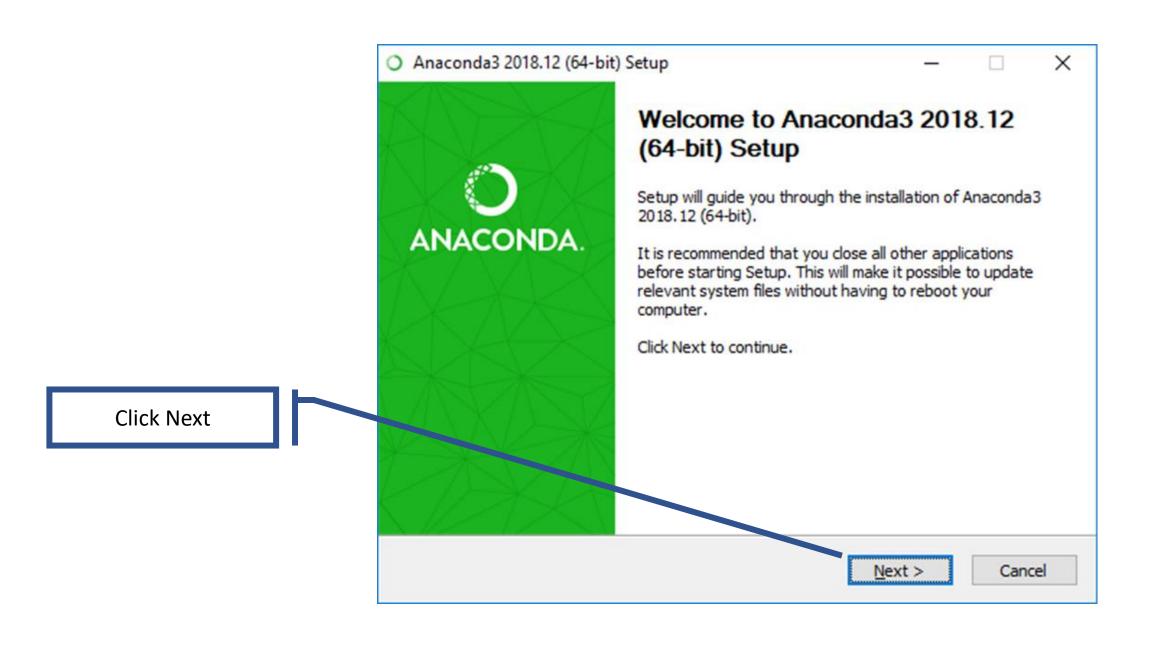
Installation

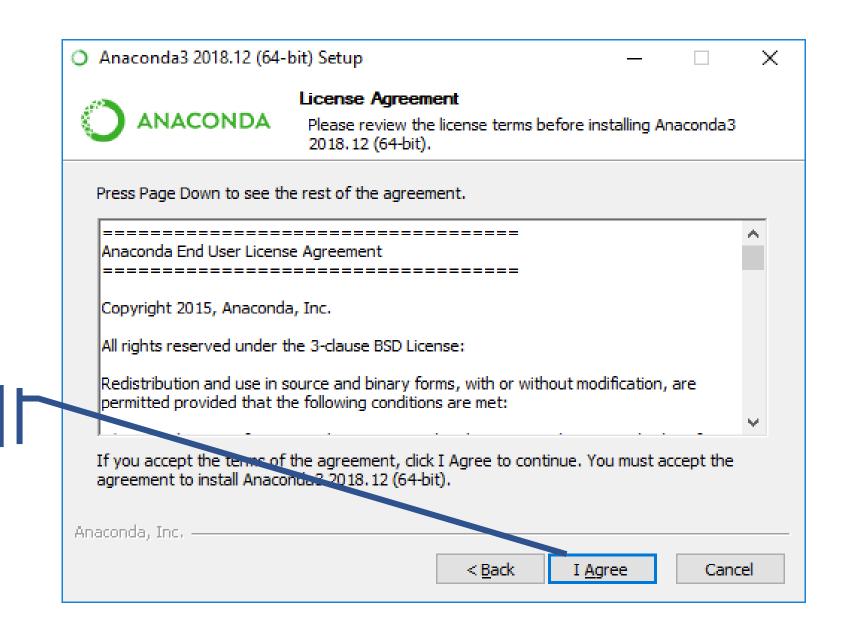
Python 3 – Anaconda

Installation – Install Python 3 with Anaconda

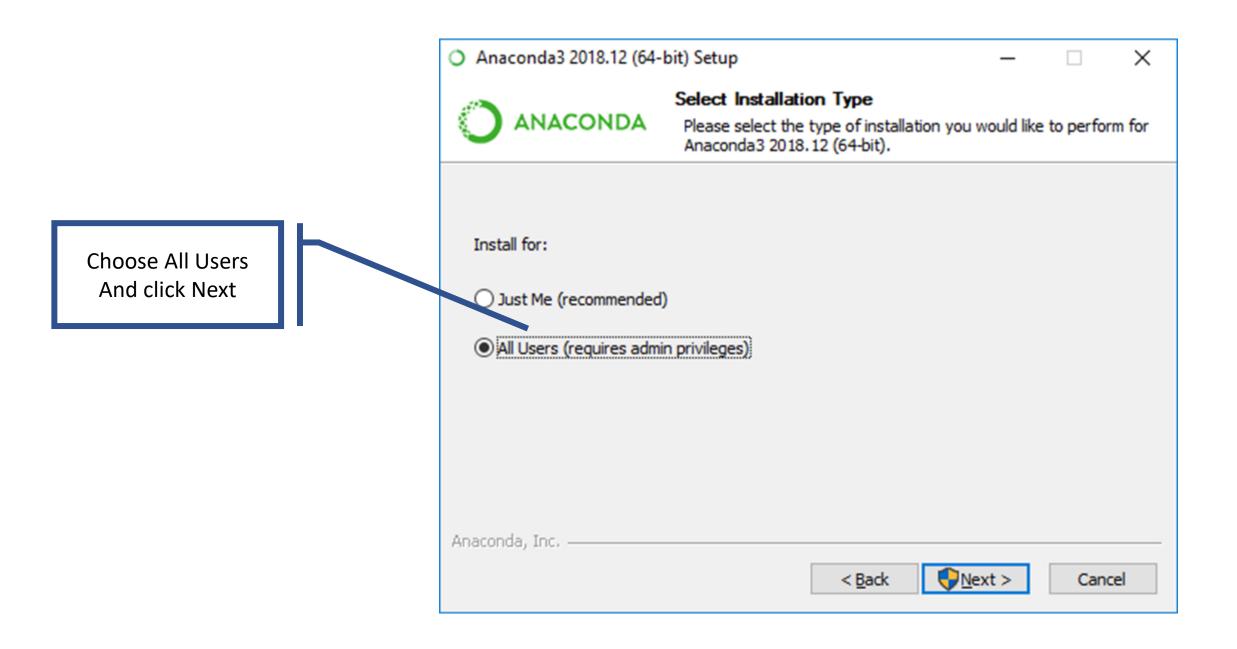
- In this course, we will use Anaconda python distribution
- Anaconda includes python and frequently used libraries by default. So we no need to install them separately
- And if we need to install new library, Anaconda provide interface (package management tool) to install new libraries which is user friendly
- And it's free
- If you wan to install python without Anaconda, instructions are provided end of this presentation (Appendix – Install Python without Anaconda)

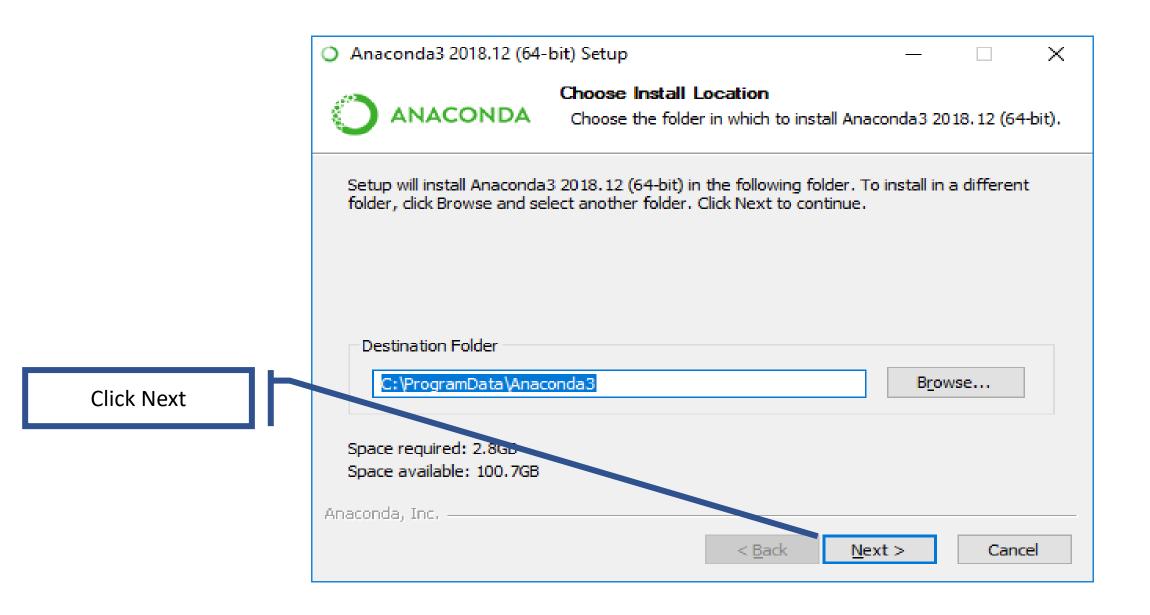


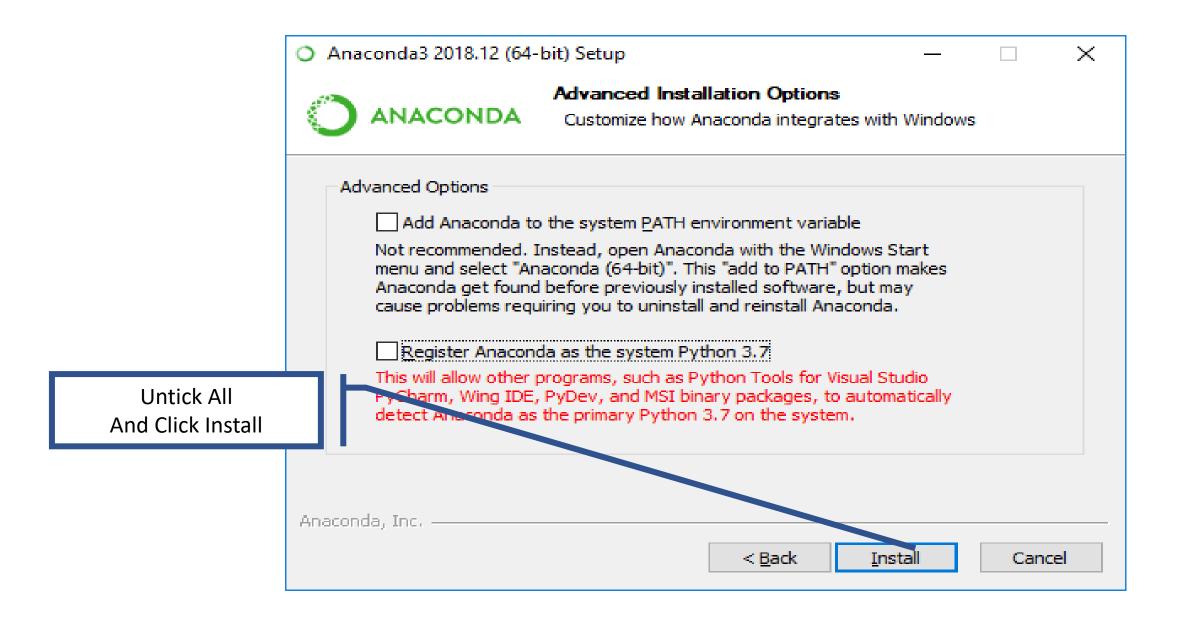


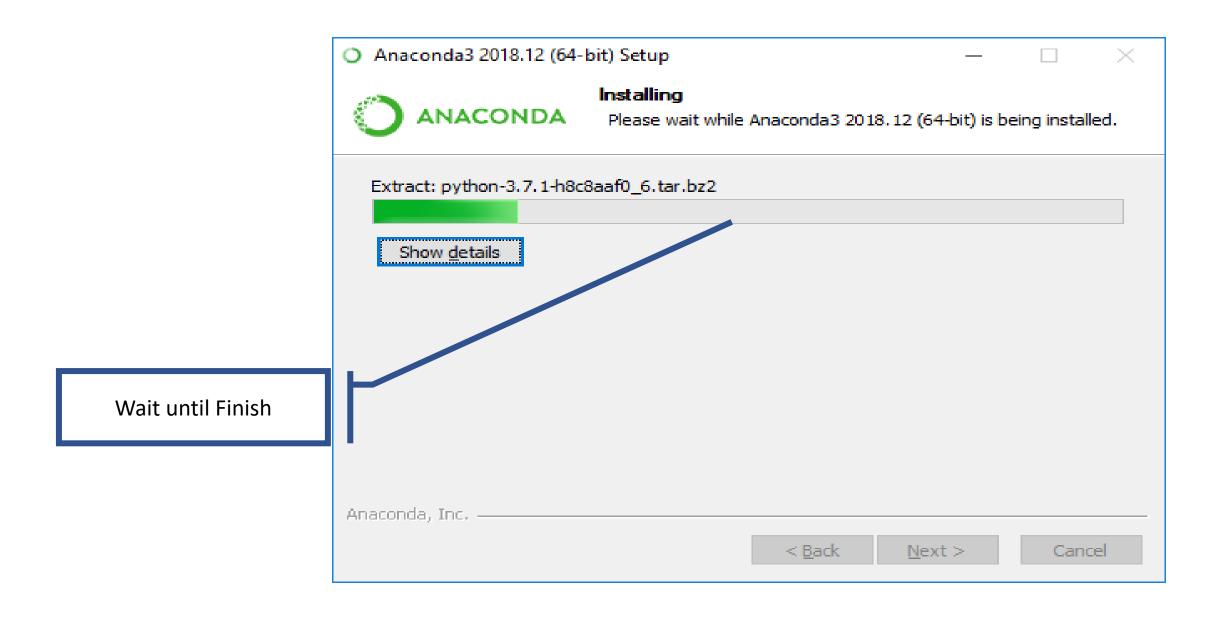


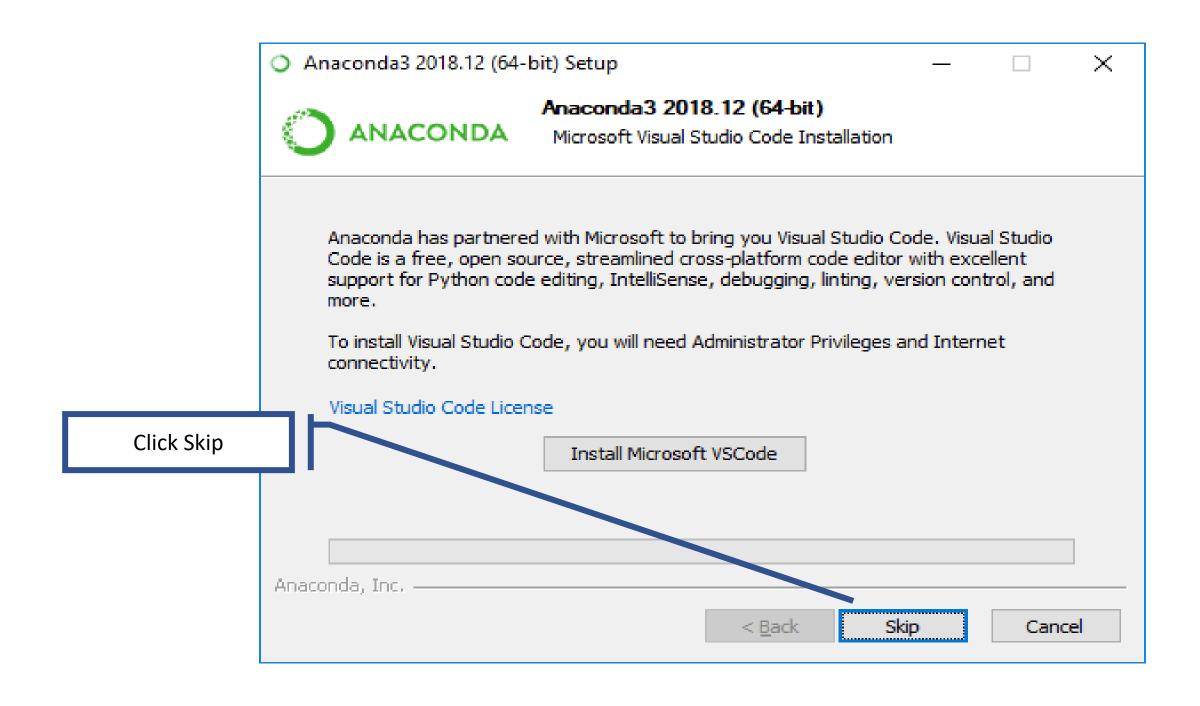
Click "I Agree"

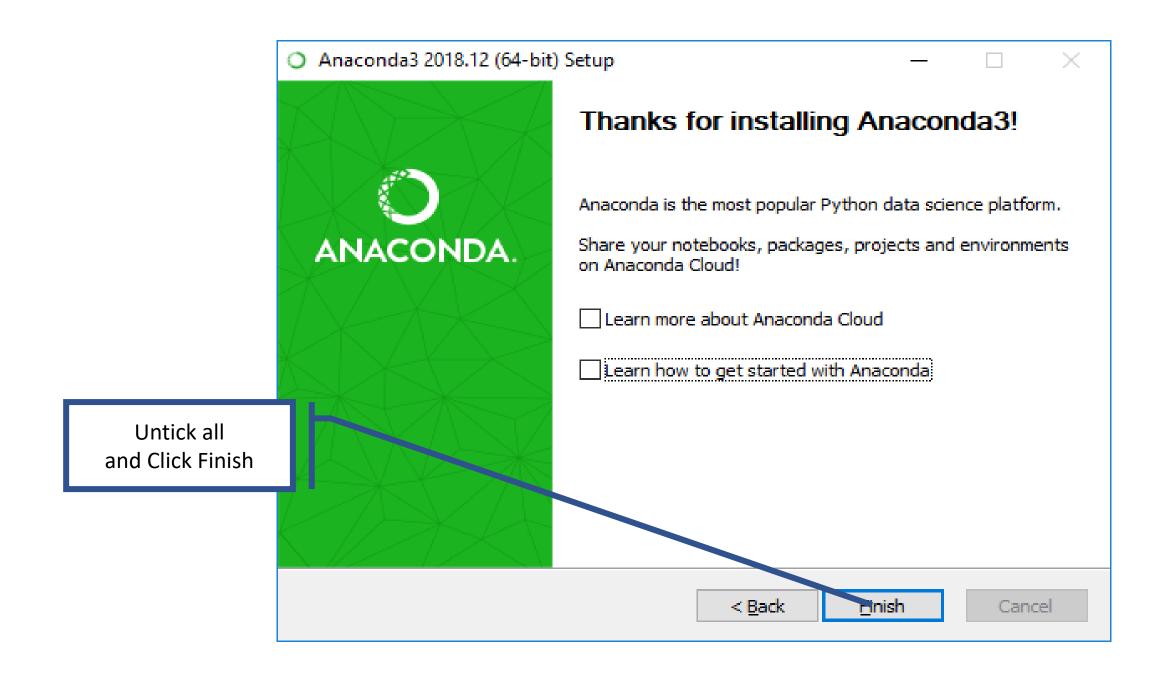


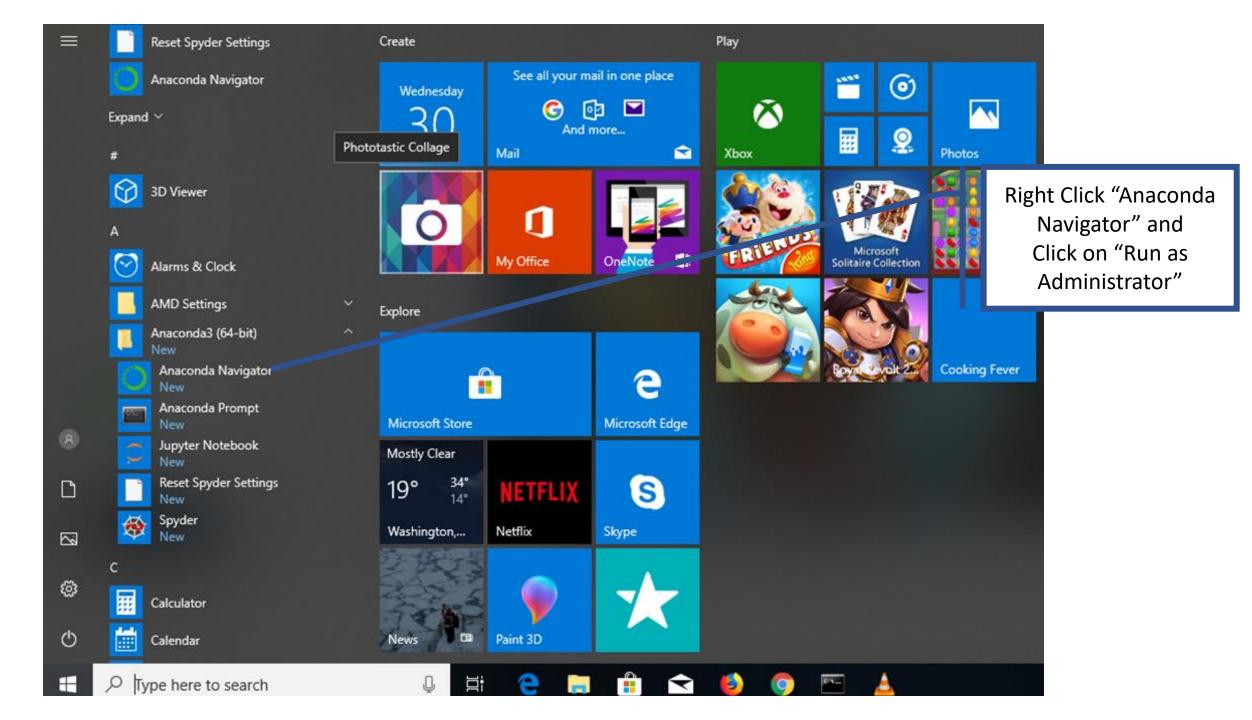










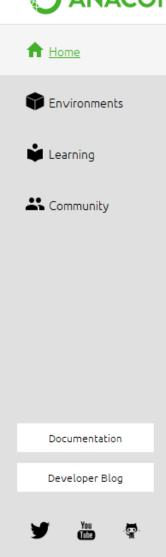


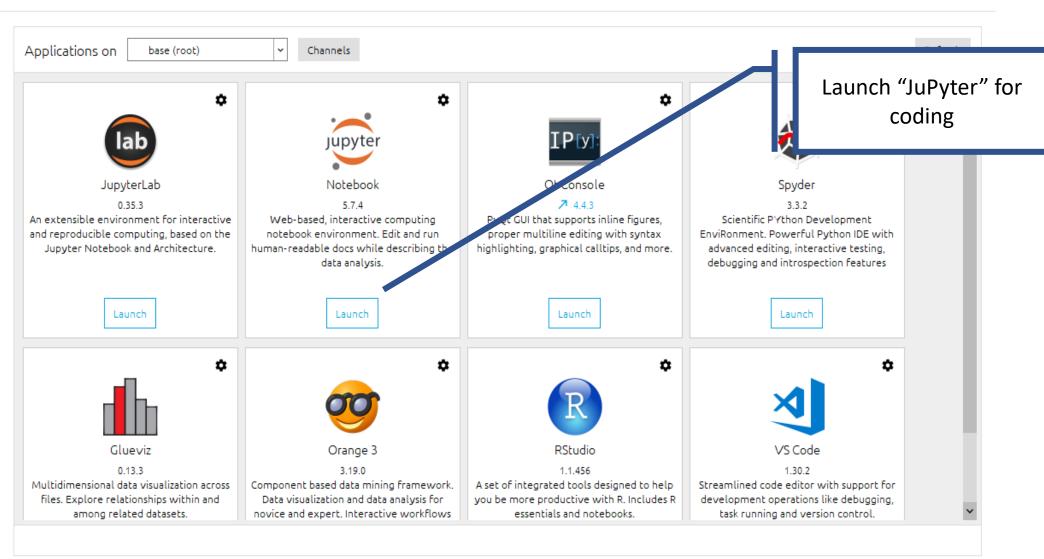


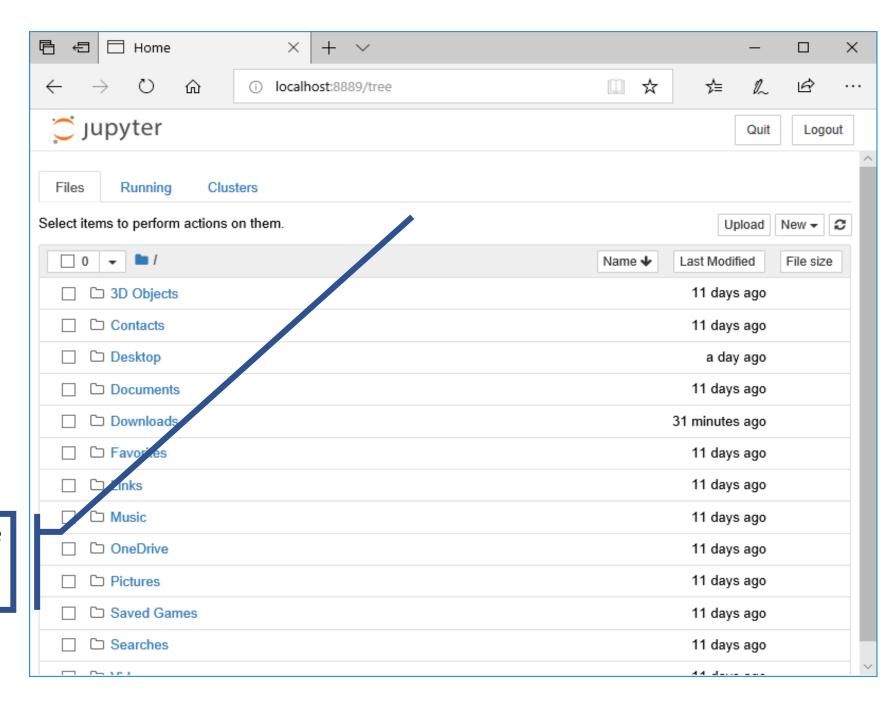




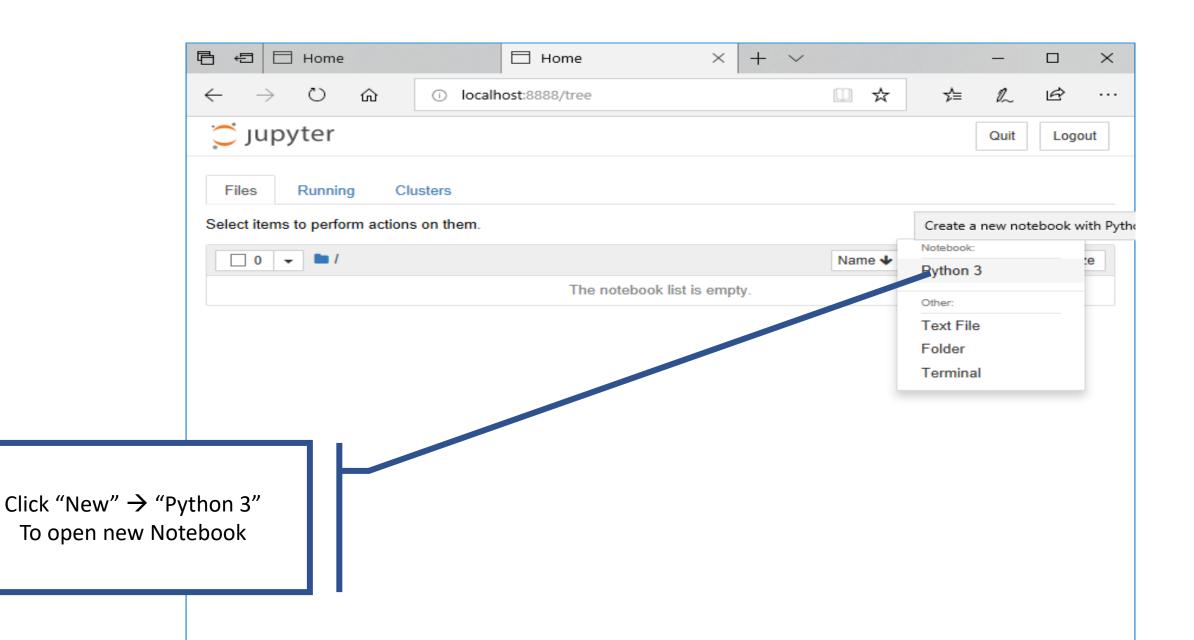
Sign in to Anaconda Cloud

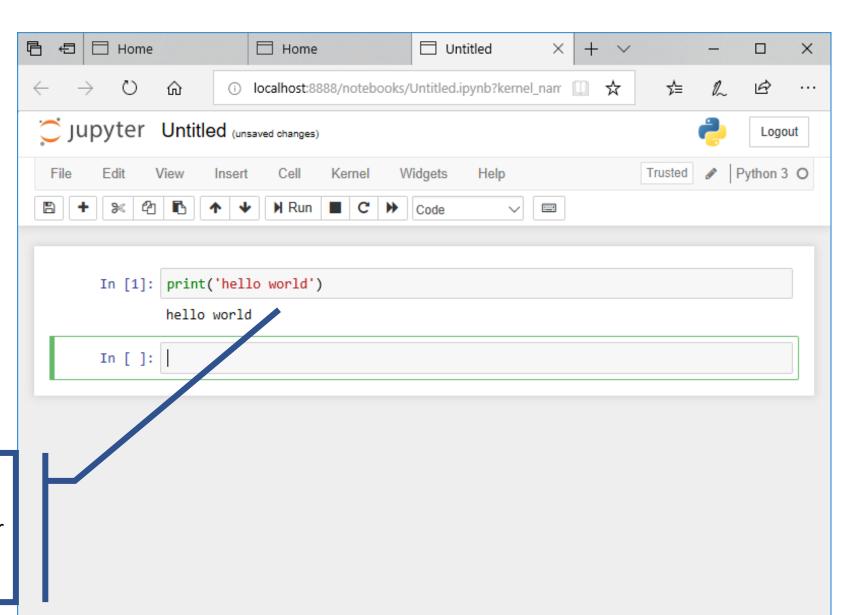






JuPyter notebook Interface which will open in a web browser





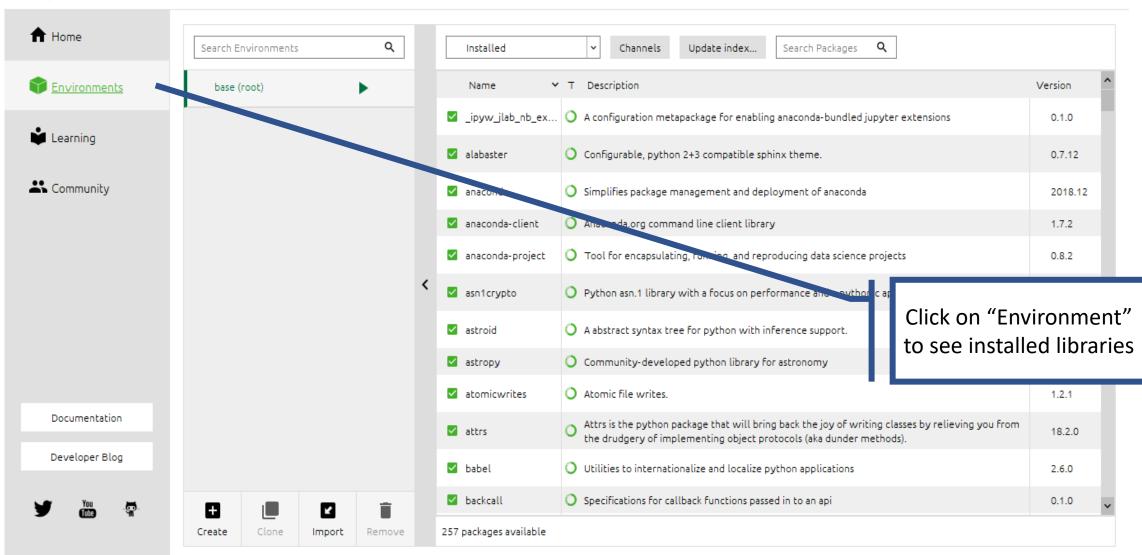
Now you can write and run
Python codes interactively in your
web browser





ANACONDA NAVIGATOR

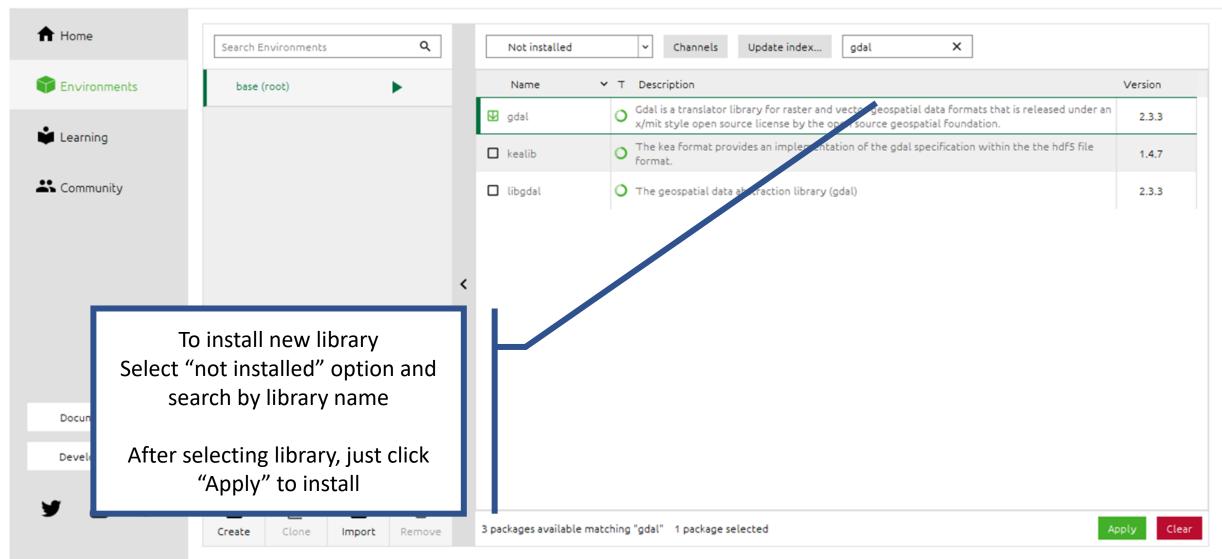
Sign in to Anaconda Cloud



<u>H</u>elp <u>F</u>ile

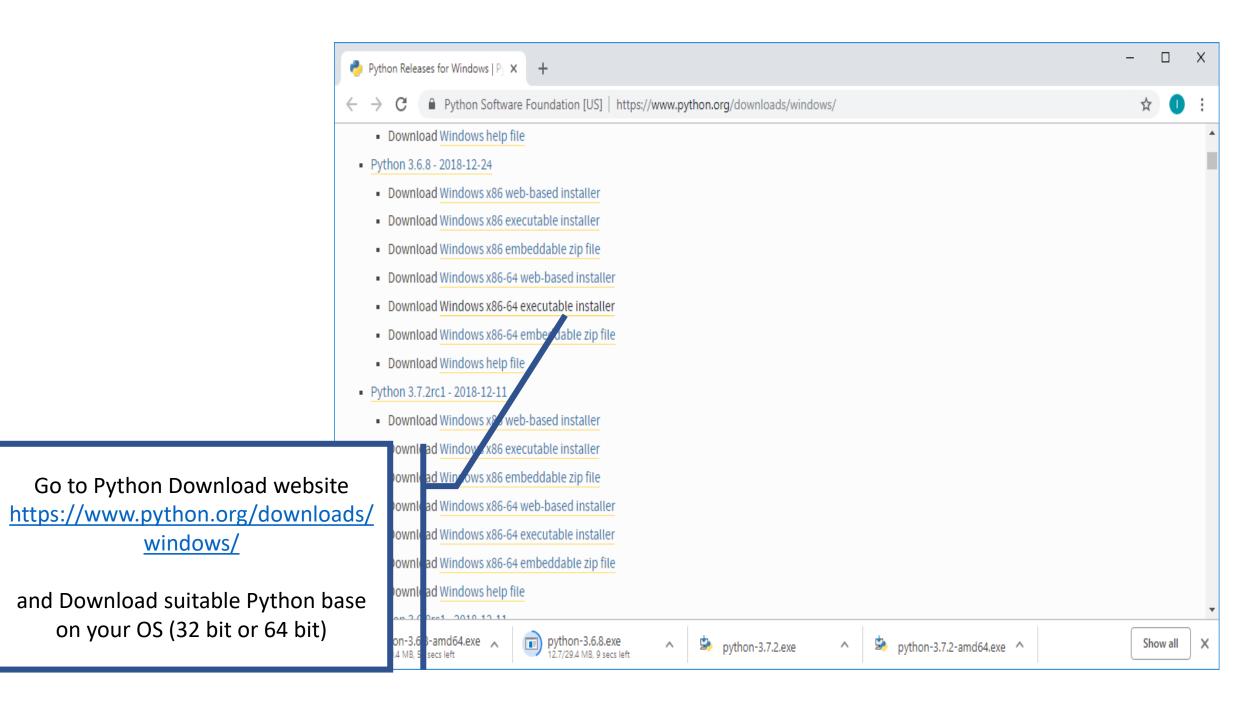


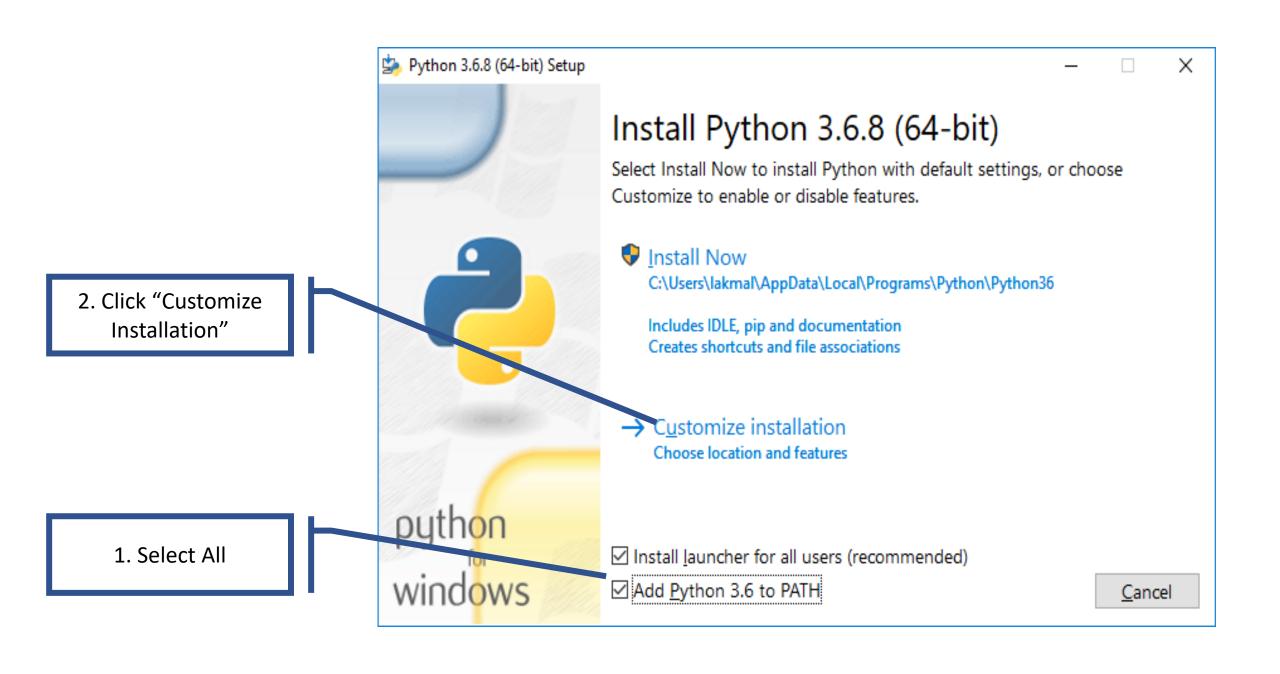
Sign in to Anaconda Cloud

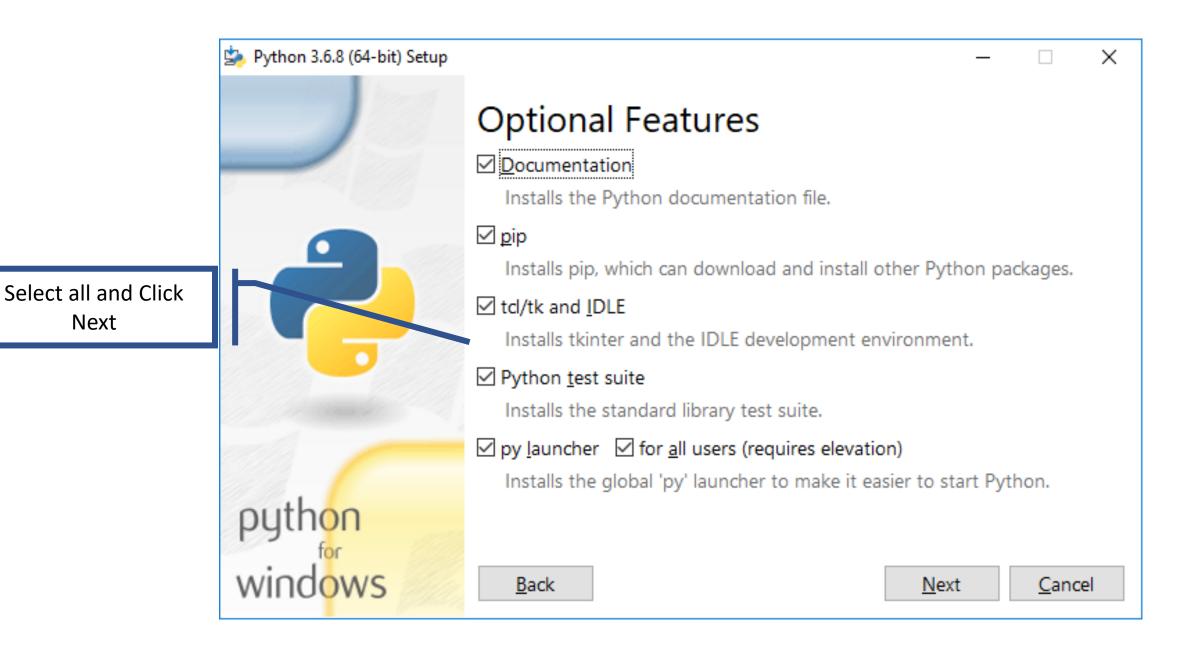




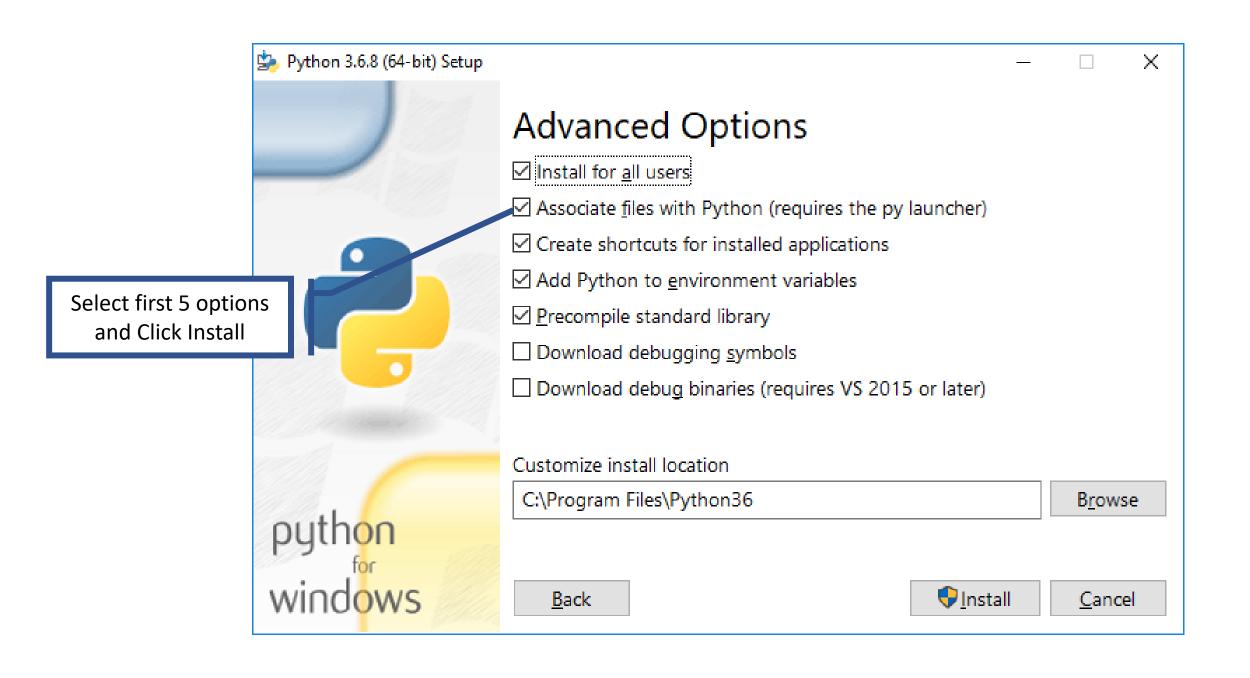
Appendix – Install Python without Anaconda

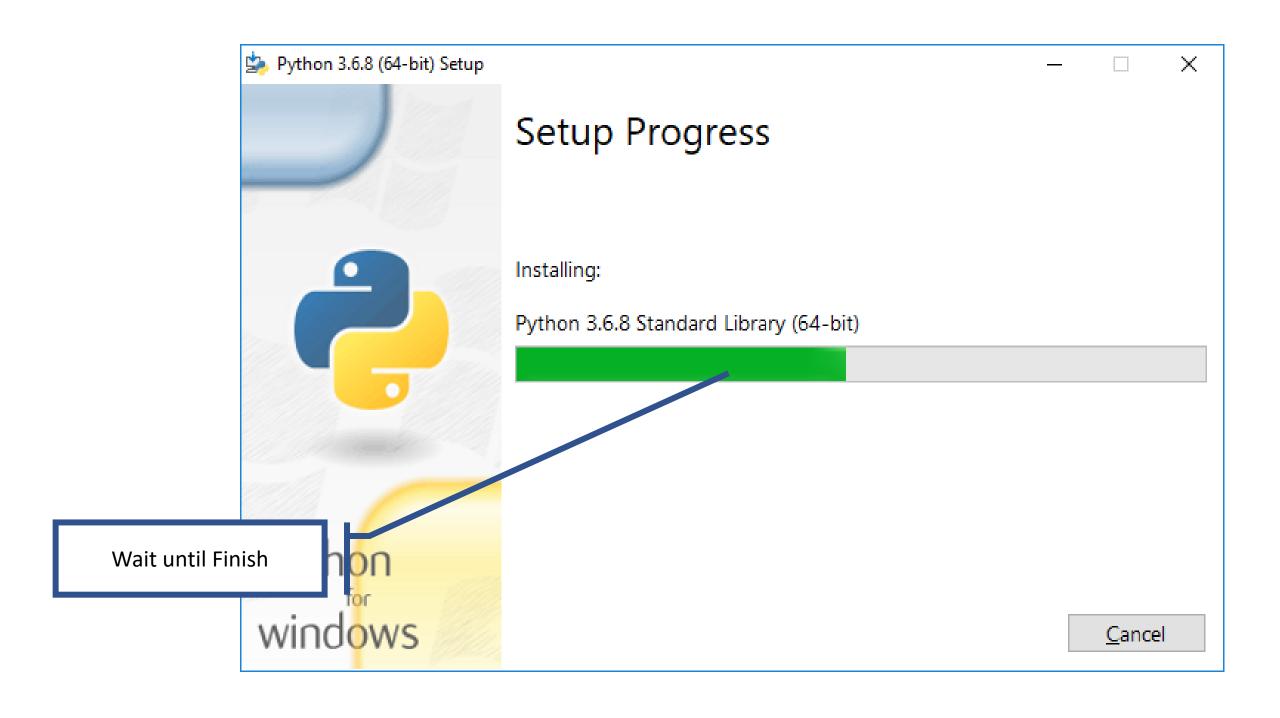


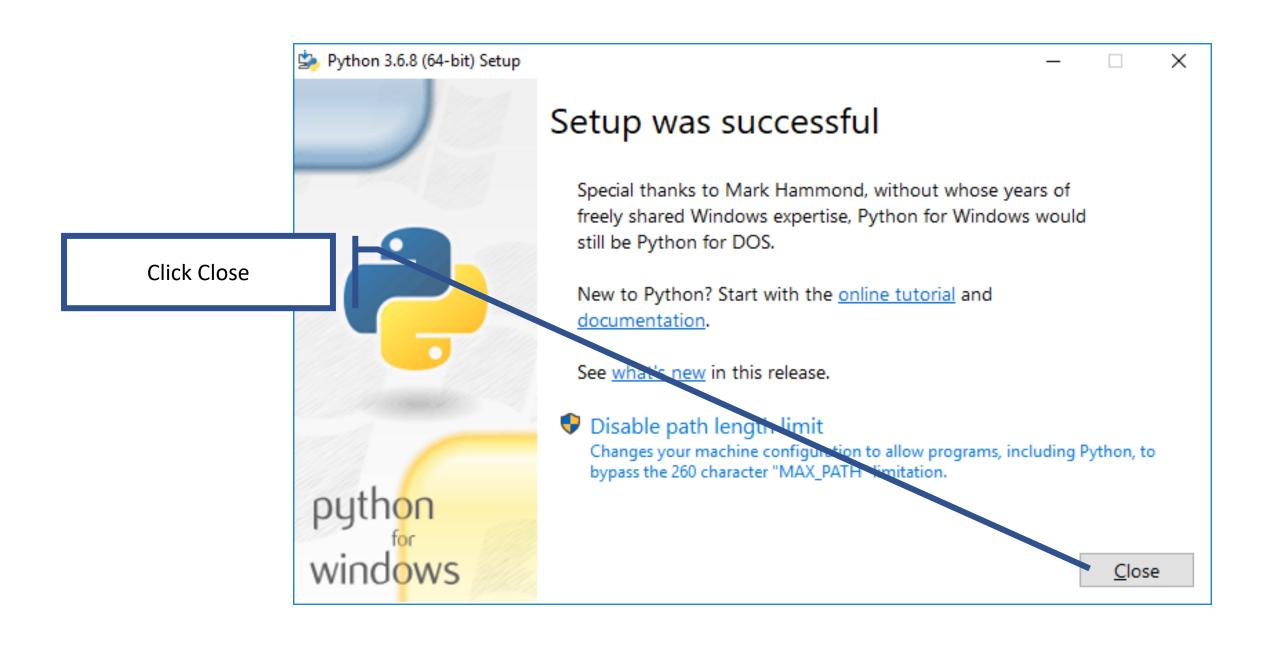


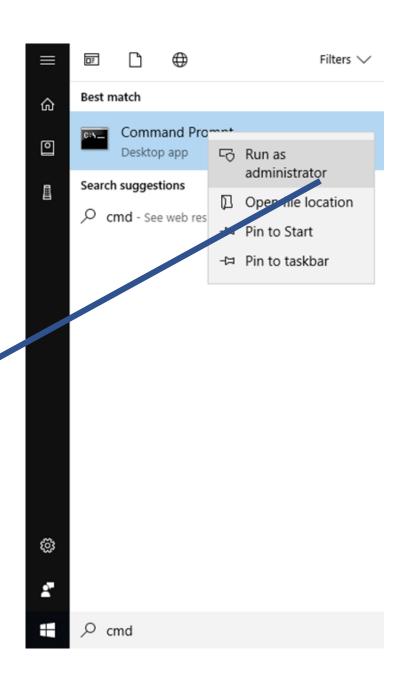


Next

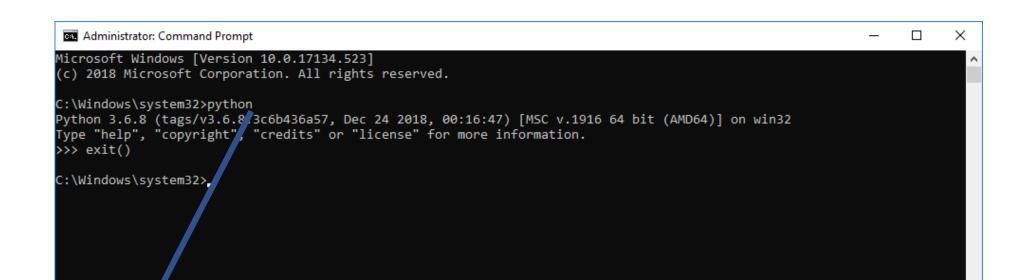






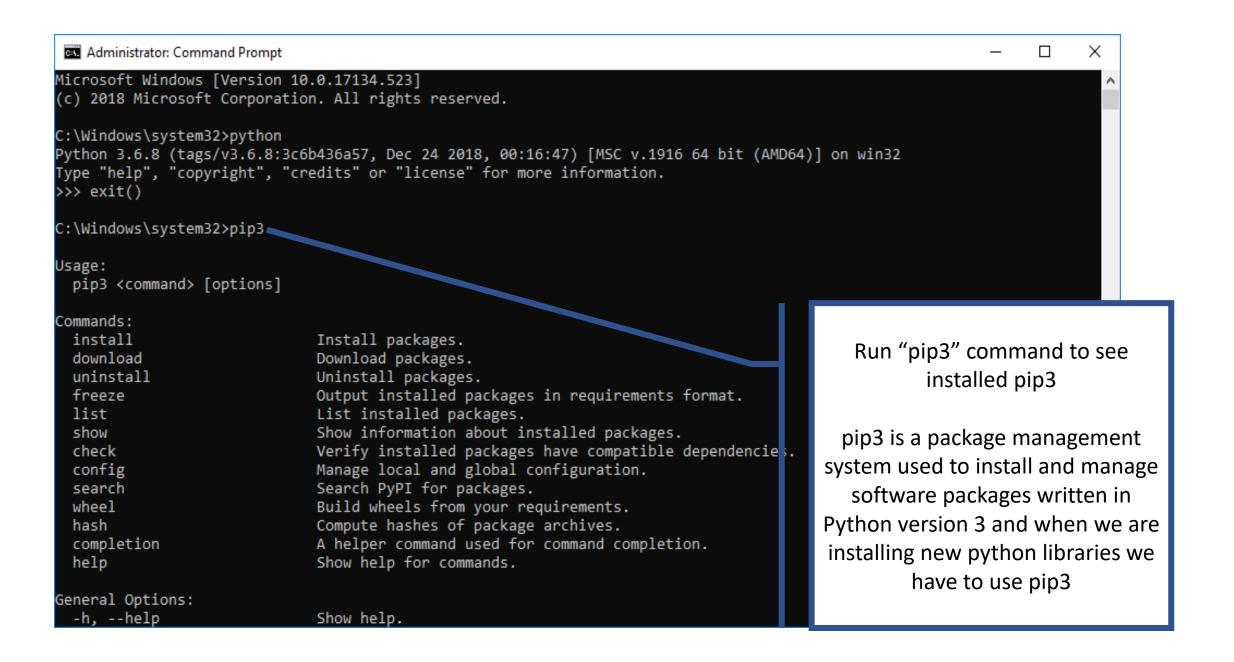


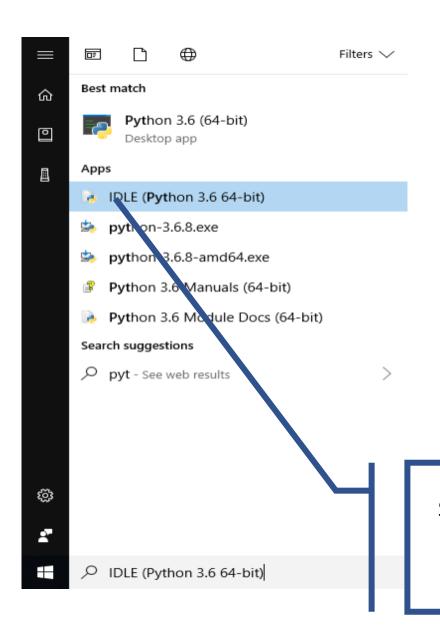
Right Click "Command Prompt" and Click on "Run as Administrator"

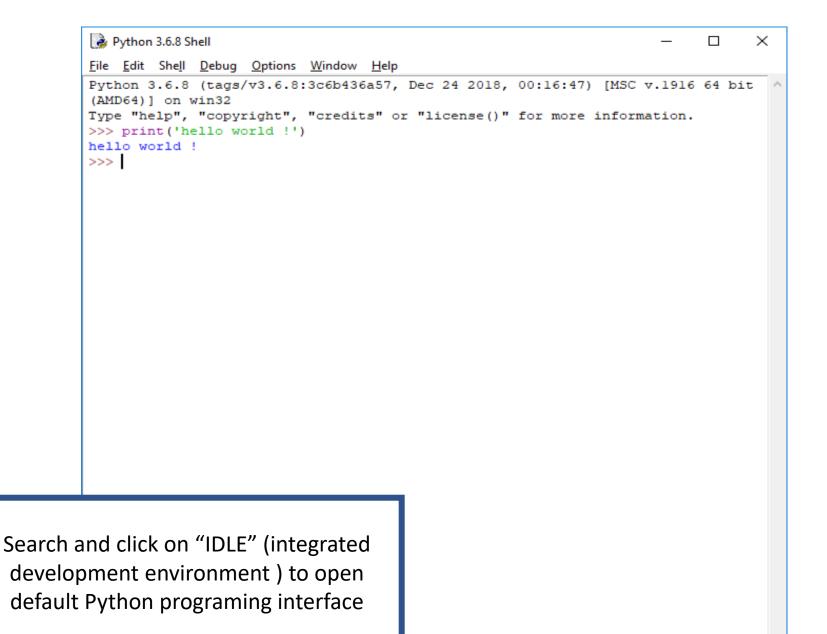


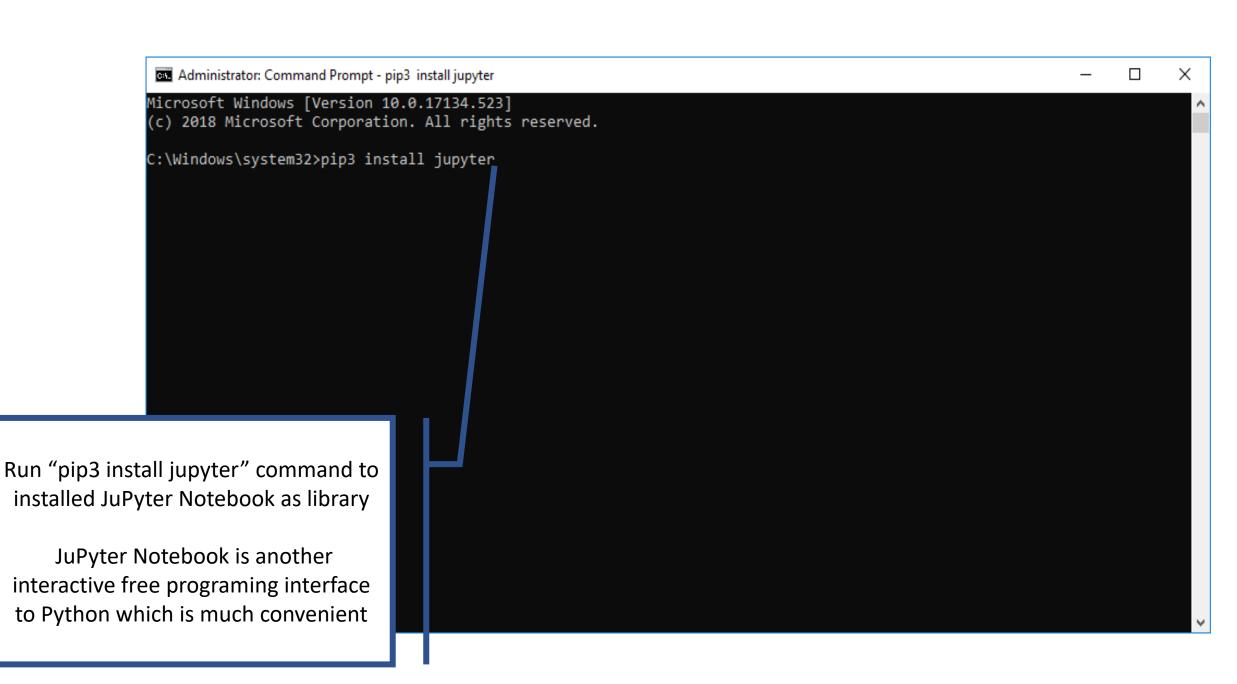
Run "python" command to see installed python version

And use "exit()" command to exit

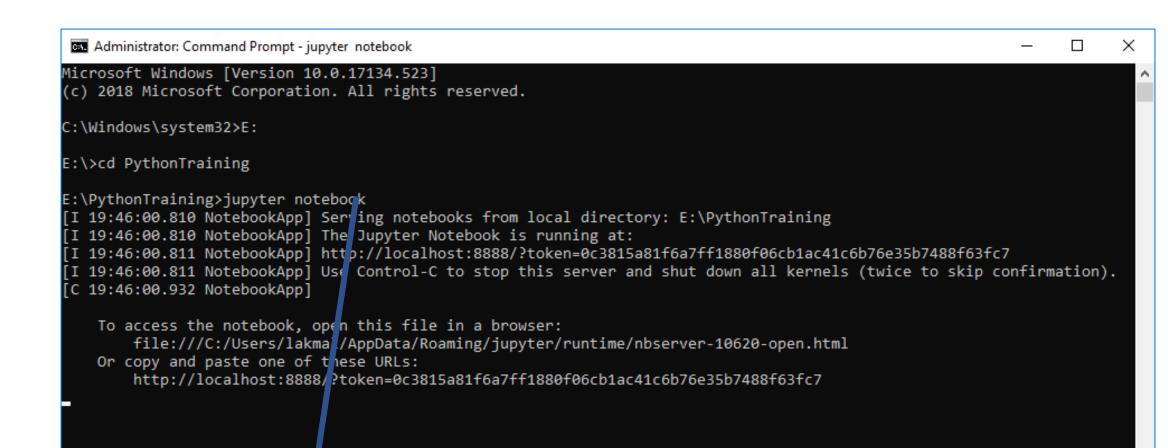






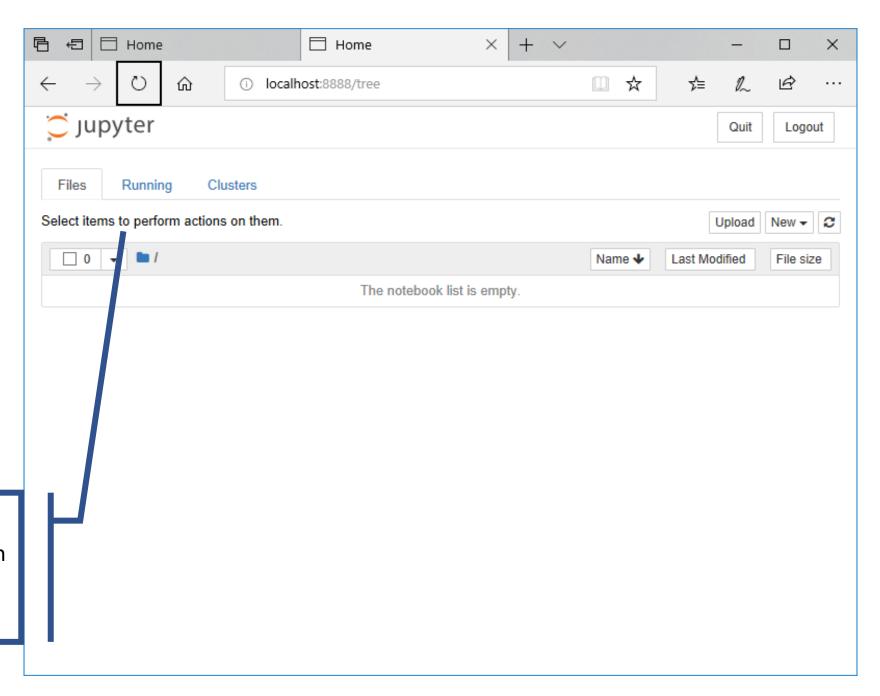


```
Administrator: Command Prompt
                100% |
                                                        1.3MB 949kB/s
            Collecting wcwidth (from prompt-toolkit<2.1.0,>=2.0.0->jupyter-console->jupyter)
              Using cached https://files.pythonhosted.org/packages/7e/9f/526a6947247599b084ee5232e4f9190a38f398d7300d866af3ab571a5bf
            e/wcwidth-0.1.7-py2.py3-none-any.whl
            Collecting webencodings (from bleach->nbconvert->jupyter)
              Using cached https://files.pythonhosted.org/packages/f4/24/2a3e3df732393fed8b3ebf2ec078f05546de641fe1b667ee316ec1dcf3b
            7/webencodings-0.5.1-py2.py3-none-any.whl
            Collecting parso>=0.3.0 (from jedi>=0.10->ipython>=4.0.0; python version >= "3.3"->ipywidgets->jupyter)
              Using cached https://files.pythonhosted.org/packages/49/f6/5108eb2c490c57d7ca3ac013e03e5c50f195aa1749b17a1fe553d63a37c
            2/parso-0.3.2-py2.py3-none-any.whl
             Installing collected packages: tornado, six, ipython-genutils, decorator, traitlets, jupyter-core, pyzmq, python-dateuti
             l, jupyter-client, pygments, colorama, wcwidth, prompt-toolkit, parso, jedi, pickleshare, backcall, ipython, ipykernel,
            MarkupSafe, jinja2, jsonschema, nbformat, defusedxml, testpath, mistune, pandocfilters, entrypoints, webencodings, bleac
             h, nbconvert, prometheus-client, pywinpty, terminado, Send2Trash, notebook, widgetsnbextension, ipywidgets, jupyter-cons
            ole, qtconsole, jupyter
              Running setup.py install for backcall ... done
              Running setup.py install for pandocfilters ... done
              Running setup.py install for prometheus-client ... done
            Successfully installed MarkupSafe-1.1.0 Send2Trash-1.5.0 backcall-0.1.0 bleach-3.1.0 colorama-0.4.1 decorator-4.3.2 defu
            sedxml-0.5.0 entrypoints-0.3 ipykernel-5.1.0 ipython-7.2.0 ipython-genutils-0.2.0 ipywidgets-7.4.2 jedi-0.13.2 jinja2-2.
            10 jsonschema-2.6.0 jupyter-1.0.0 jupyter-client-5.2.4 jupyter-console-6.0.0 jupyter-core-4.4.0 mistune-0.8.4 nbconvert-
            5.4.0 nbformat-4.4.0 notebook-5.7.4 pandocfilters-1.4.2 parso-0.3.2 pickleshare-0.7.5 prometheus-client-0.5.0 prompt-too
            lkit-2.0.8 pygments-2.3.1 pyth-n-dateutil-2.7.5 pywinpty-0.5.5 pyzmq-17.1.2 qtconsole-4.4.3 six-1.12.0 terminado-0.8.1 t
            estpath-0.4.2 tornado-5.1.1 traitlets-4.3.2 wcwidth-0.1.7 webencodings-0.5.1 widgetsnbextension-3.4.2
                          pip version 18.1, however version 19.0.1 is available.
                         onsider upgrading via the 'python -m pip install --upgrade pip' command.
Wait until Finish
                         /stem32>_
```

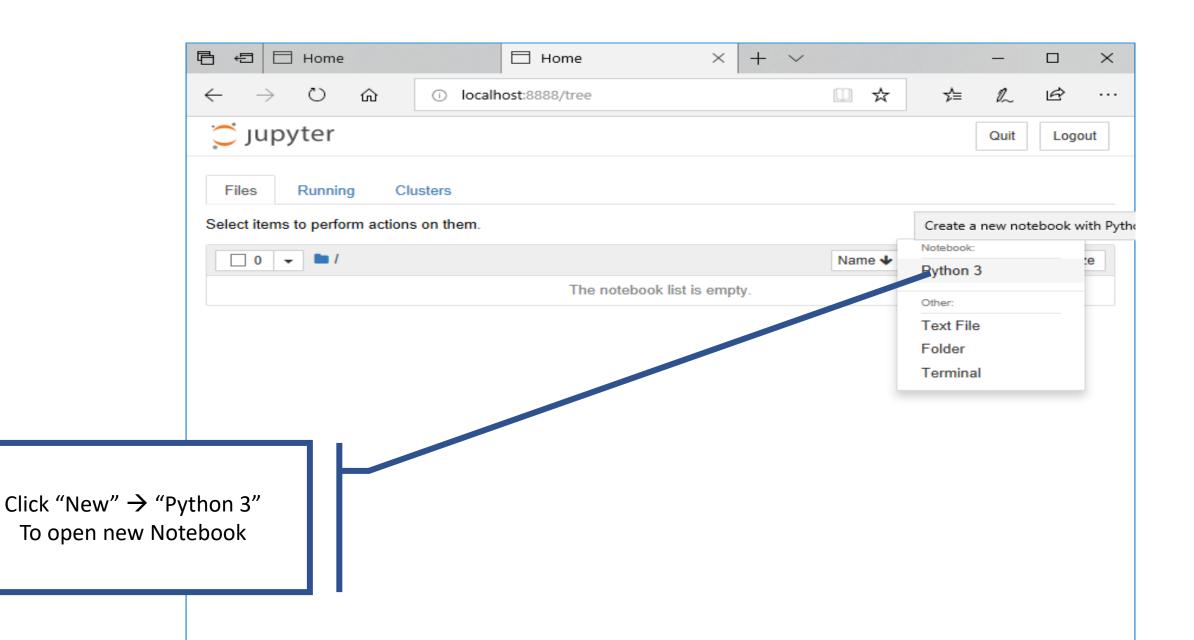


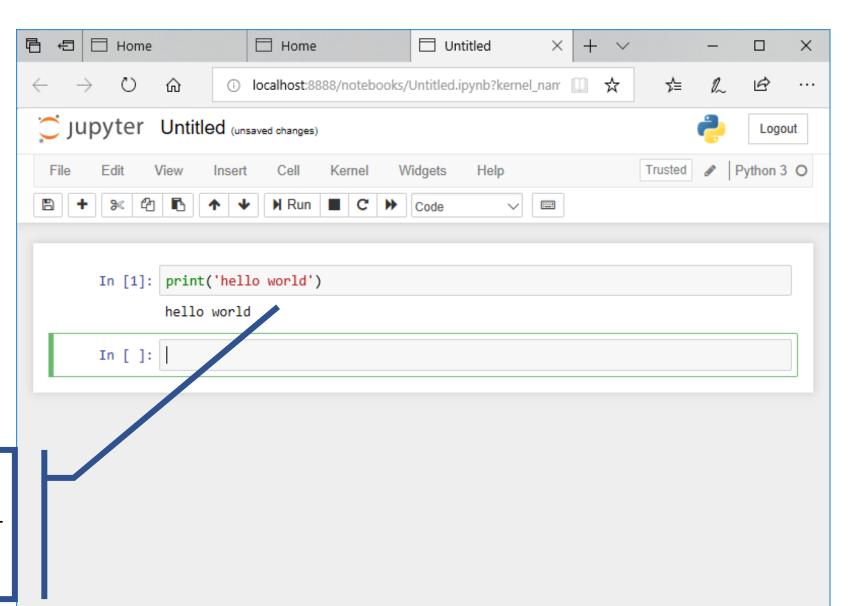
Run JuPyter Notebook by running this command

"jupyter notebook"



Then JuPyter Notebook will open in a web browser





Now you can write and run
Python codes interactively in your
web browser



End