



## Module 2 :

### Lab 1 :Getting started with Jupyter Note Book

Assc. Prof. Ts. Dr. Ahmad Shukri Mohd Noor

## LAB 1: GETTING STARTED WITH PYTHON

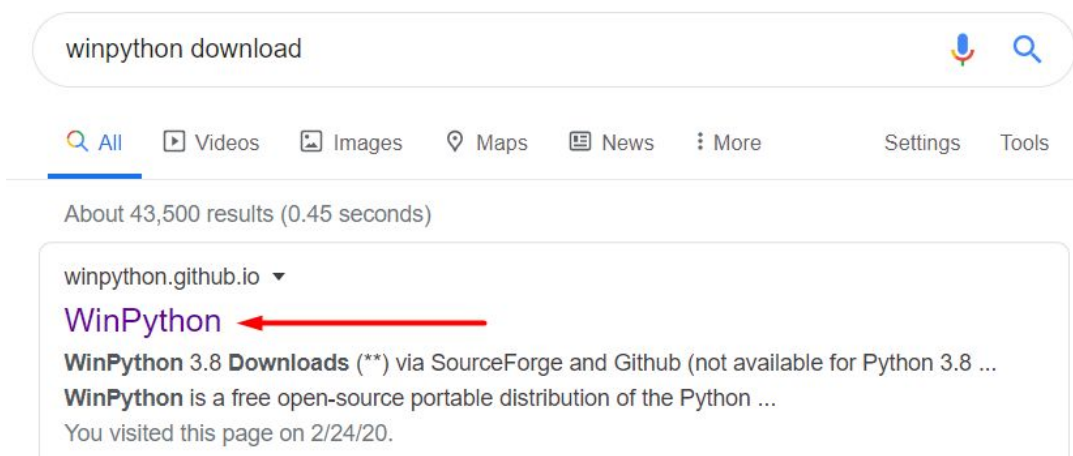
### Objective:

In this lab we are going to install softwares used for python programming. WinPython is a free open-source portable distribution of the Python programming language for Windows 8/10 and scientific and educational usage. Project Jupyter exists to develop open-source software, open-standards, and services for interactive computing across dozens of programming languages.

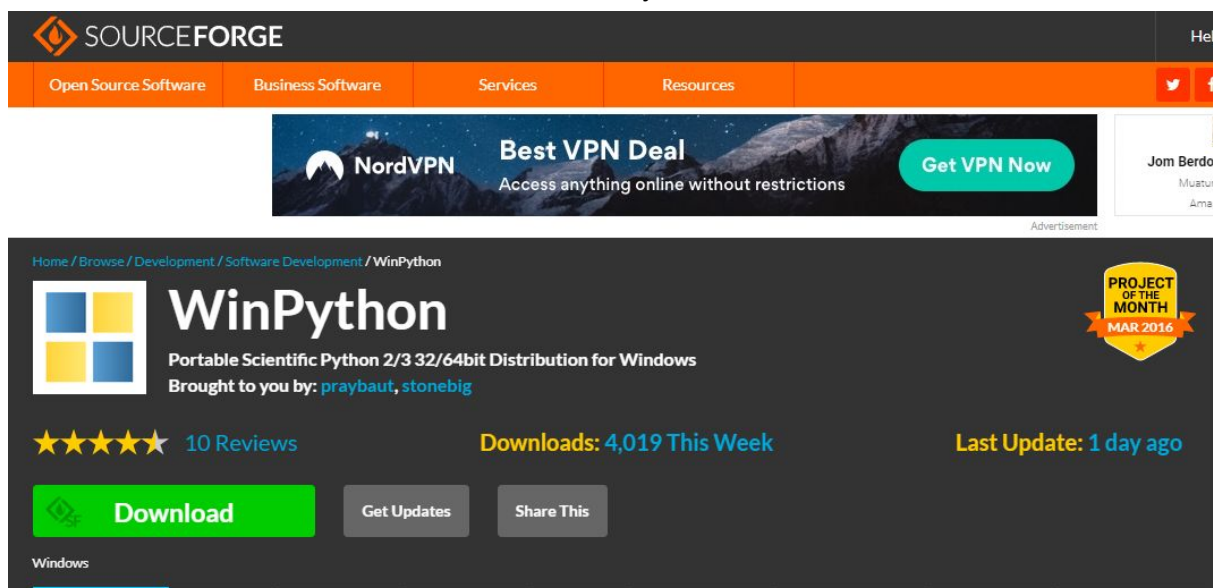
### Steps:

### Install WinPython

1. Search “WinPython download” in your browser  
<https://sourceforge.net/projects/winpython/>

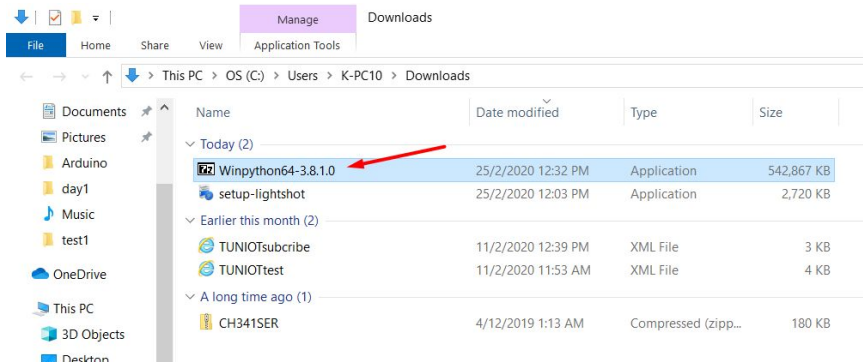


2. Click at downloads, and it will starts shortly

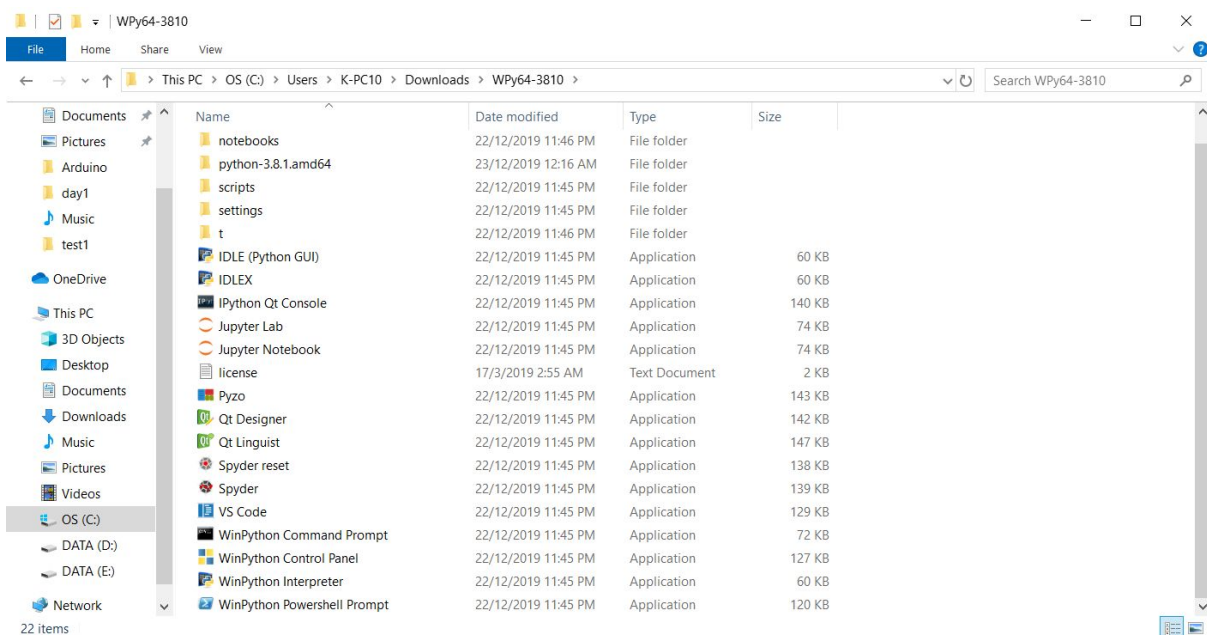


# LAB 1: GETTING STARTED WITH PYTHON

## 3. Extract the downloaded file



## 4. Application inside the folder



## LAB 1: GETTING STARTED WITH PYTHON

### Use Jupyter Notebook

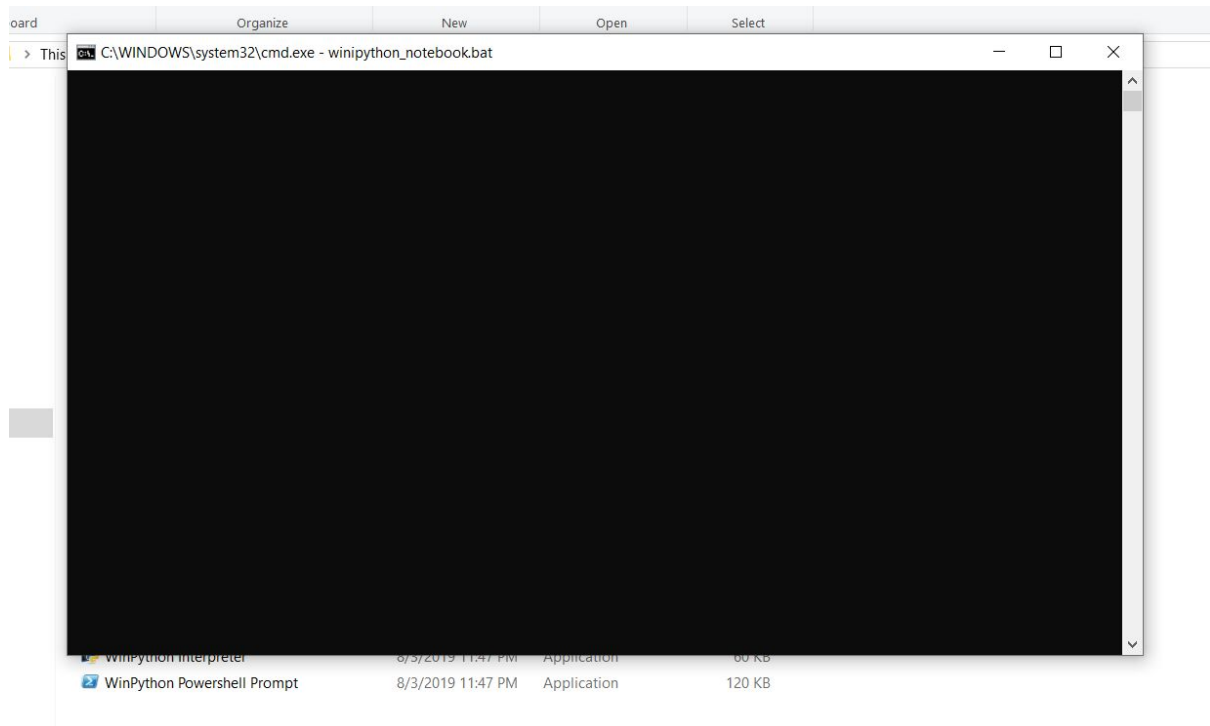
1. Open winPython folder

Users	1/9/2019 10:41 AM	File folder
WCH.CN	7/5/2019 10:48 AM	File folder
Windows	15/2/2020 12:16 PM	File folder
WPy64-3720	13/6/2019 3:38 PM	File folder
XDK-Workbench	17/12/2019 3:35 PM	File folder

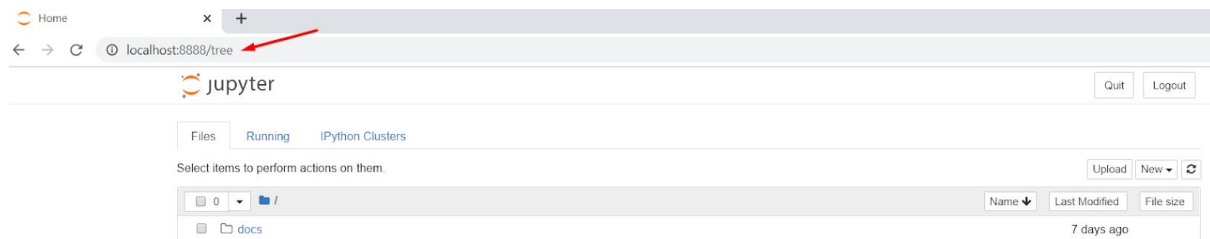
2. Start jupyter notebook

n	13/6/2019 3:28 PM	File folder	
notebooks	13/6/2019 3:28 PM	File folder	
python-3.7.2.amd64	13/6/2019 3:38 PM	File folder	
scripts	13/6/2019 3:38 PM	File folder	
settings	25/2/2020 9:43 AM	File folder	
t	13/6/2019 3:28 PM	File folder	
IDLE (Python GUI)	8/3/2019 11:47 PM	Application	60 KB
IDLEX	8/3/2019 11:47 PM	Application	60 KB
IPython Qt Console	8/3/2019 11:47 PM	Application	140 KB
Jupyter Lab	8/3/2019 11:47 PM	Application	74 KB
Jupyter Notebook	8/3/2019 11:47 PM	Application	74 KB
Pyzo	8/3/2019 11:47 PM	Application	143 KB
Qt Designer	8/3/2019 11:47 PM	Application	142 KB
Qt Linguist	8/3/2019 11:47 PM	Application	147 KB
Spyder reset	8/3/2019 11:47 PM	Application	138 KB
Spyder	8/3/2019 11:47 PM	Application	139 KB
unins000	13/6/2019 3:38 PM	DAT File	22,661 KB
unins000	13/6/2019 3:27 PM	Application	1,192 KB
WinPython Command Prompt	8/3/2019 11:47 PM	Application	72 KB
WinPython Control Panel	8/3/2019 11:47 PM	Application	127 KB
WinPython Interpreter	8/3/2019 11:47 PM	Application	60 KB
WinPython Powershell Prompt	8/3/2019 11:47 PM	Application	120 KB

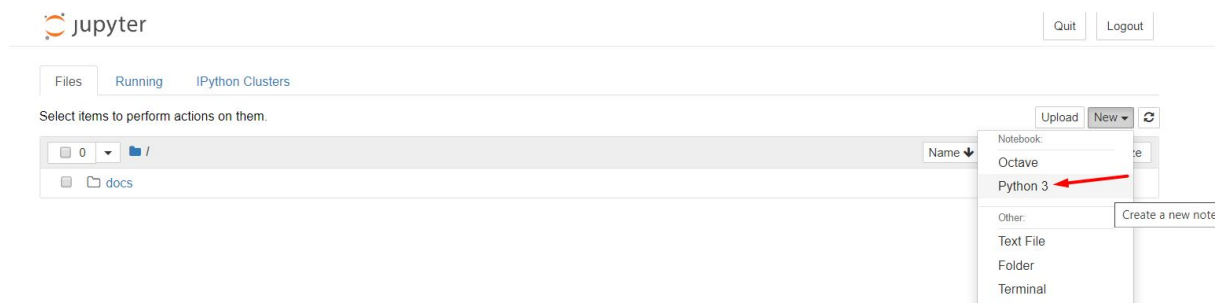
## LAB 1: GETTING STARTED WITH PYTHON



3. Open web browser and search localhost:8888/tree

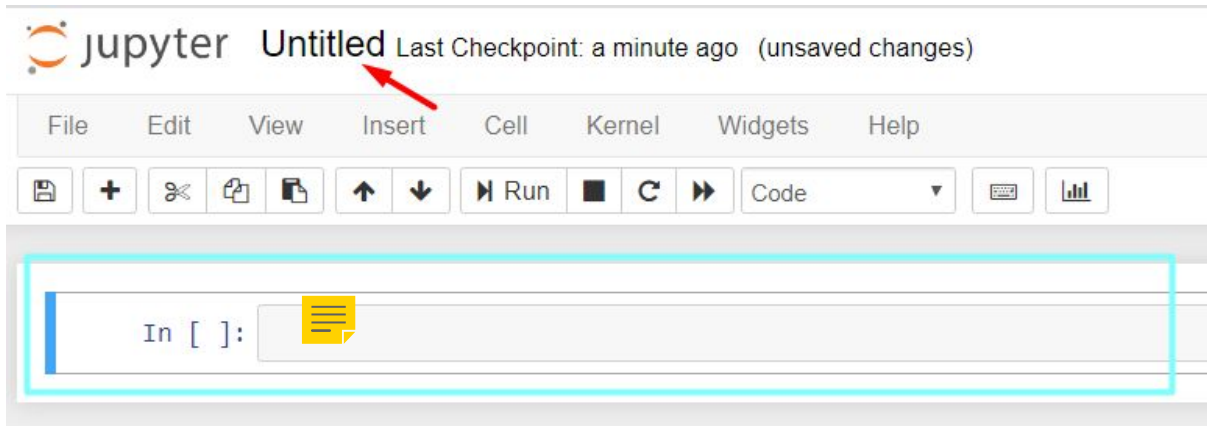


4. Create new python 3



## LAB 1: GETTING STARTED WITH PYTHON

5. Change the title and start code



## LAB 1: GETTING STARTED WITH PYTHON

References:

1. <https://github.com/winpython>
2. <https://jupyter.org/>