



## Chapter 02. How to install Python 3 on Windows 10?



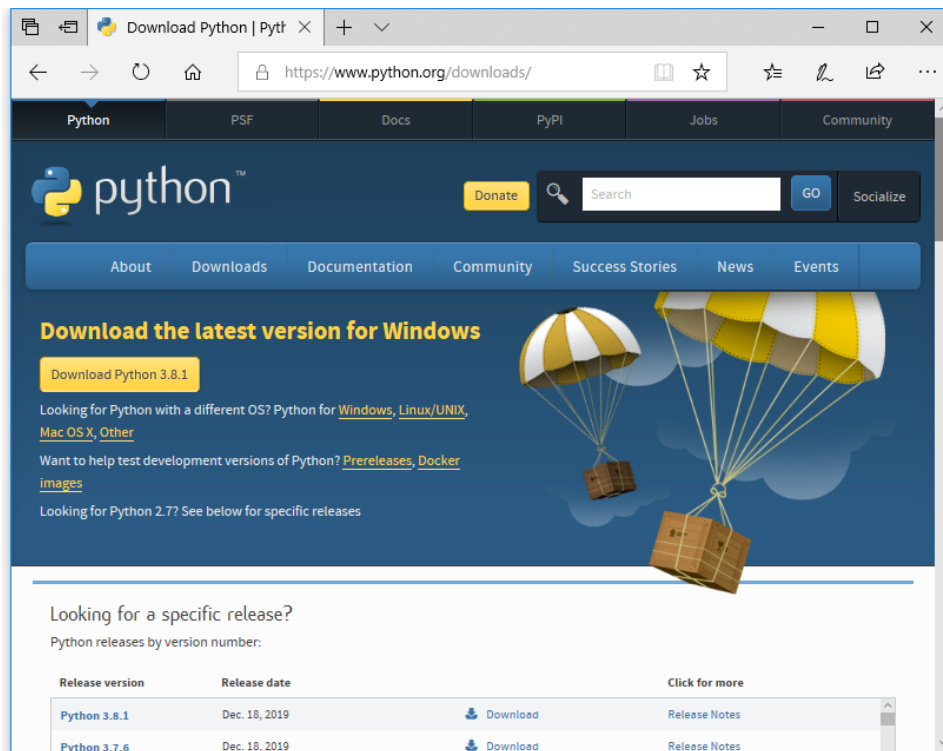
Before reading chapter 2, please download and install the latest Python 3 on your PC or laptop. The Python version used in this installation instruction is 3.8.1 but any later python 3 versions can be installed in the same manner and will work.

**On a Microsoft Windows Operating System (OS) based PC, Python is not a pre-installed software. So, just like Minecraft and Adobe PDF reader, you can download the Python installation file and installed it on your PC.** To begin learning Python on your Windows laptop or desktop, you will first need to install Python on your PC. This section explains how to install the latest Python 3 on Windows PC for the first time.

**On computers with Apple's macOS or Linux OS, Python is out-of-box software,** However, if your computer's Operating System is old, the pre-installed Python likely is either 2.7.17 or below. In this case, you are recommended to download the latest Python 3.7.x or higher version and install it on your computer to follow the content of this book. If you are a Linux or macOS user, this book assumes that you know your way around your Operating System; hence you are already running the latest Python 3 version on your Linux or macOS PC.

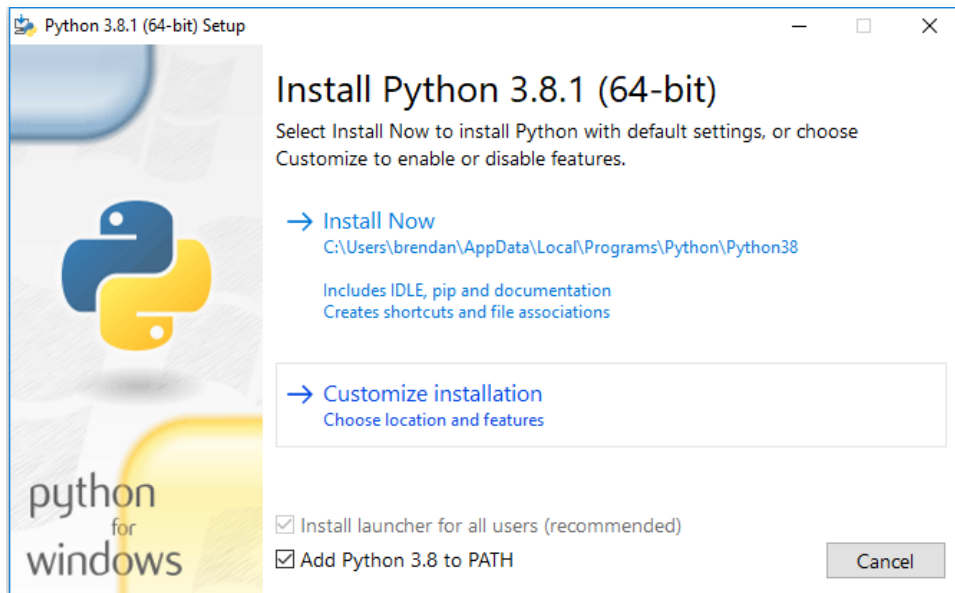
- 1 Go to the official Python web site and download the latest version of Python to suit your Operating System.

<https://www.python.org/downloads/>



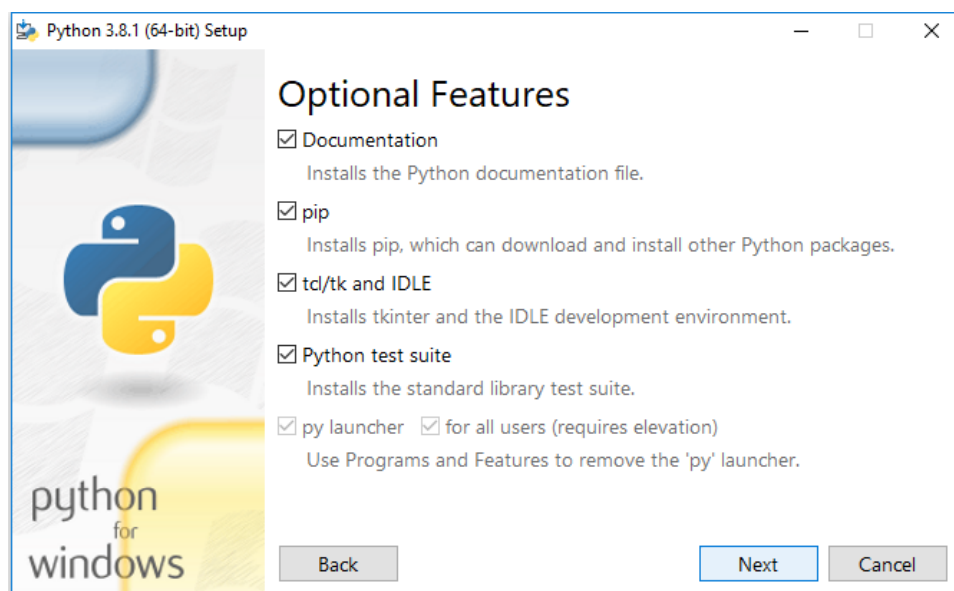


- 2
  - a) Go to your download folder and double click python installation **.exe** file to start your installation.
  - b) Check **Add Python 3.8 to PATH**.
  - c) Select **Customize installation** option.

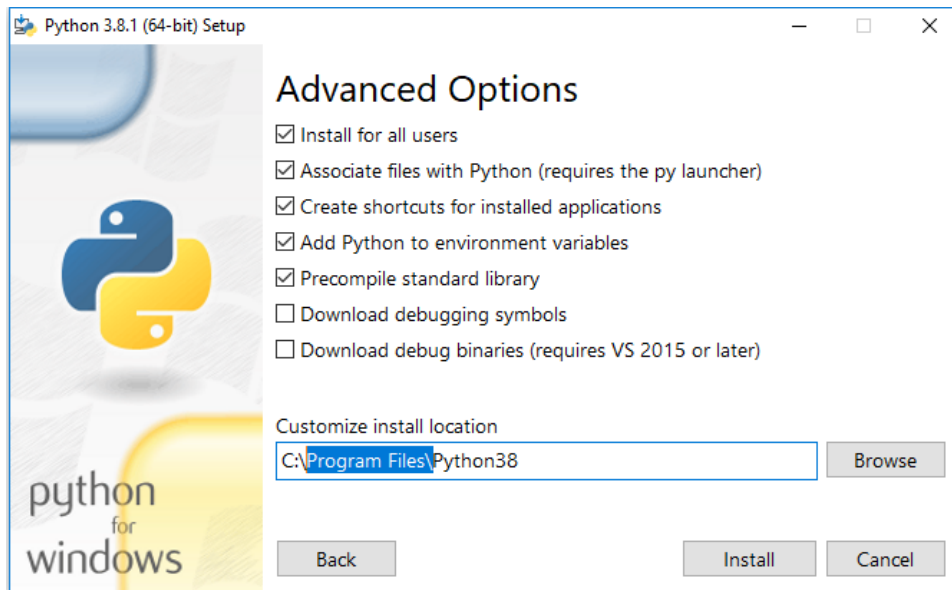


**Add Python 3.8 to PATH** option will add a path to your PC's **System Properties > Environment Variables > System variables > Path** option. This will allow you to run your python code from any location on your PC.

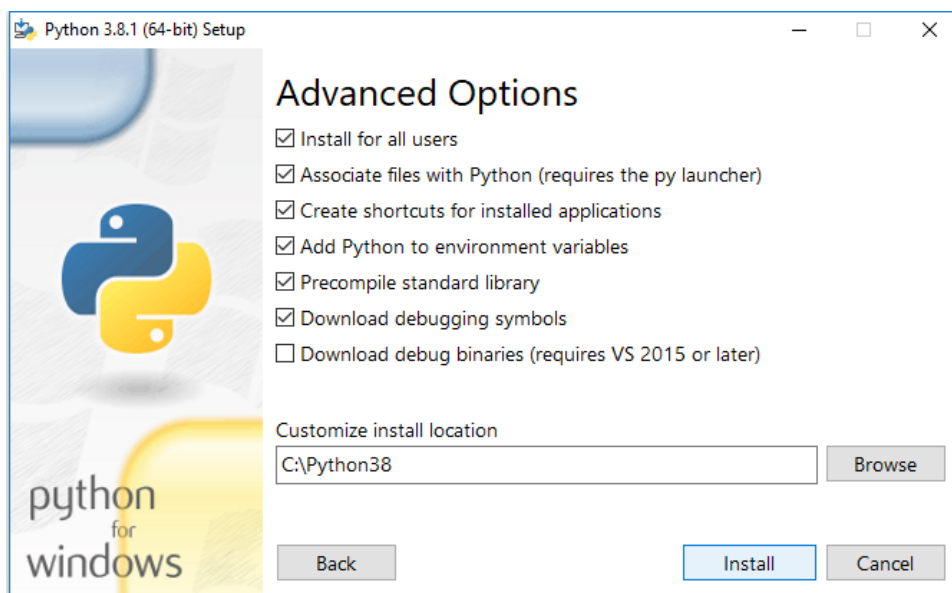
- 3 Leave **Optional Features** as default (all checked) and select the **Next** button.



- 4 Check **Install for all users** on advanced options. This will change the **Customize install location** option as below. To avoid Windows security policy hassles, you need to modify the installation location and install the Python under **C:\Python38** folder.

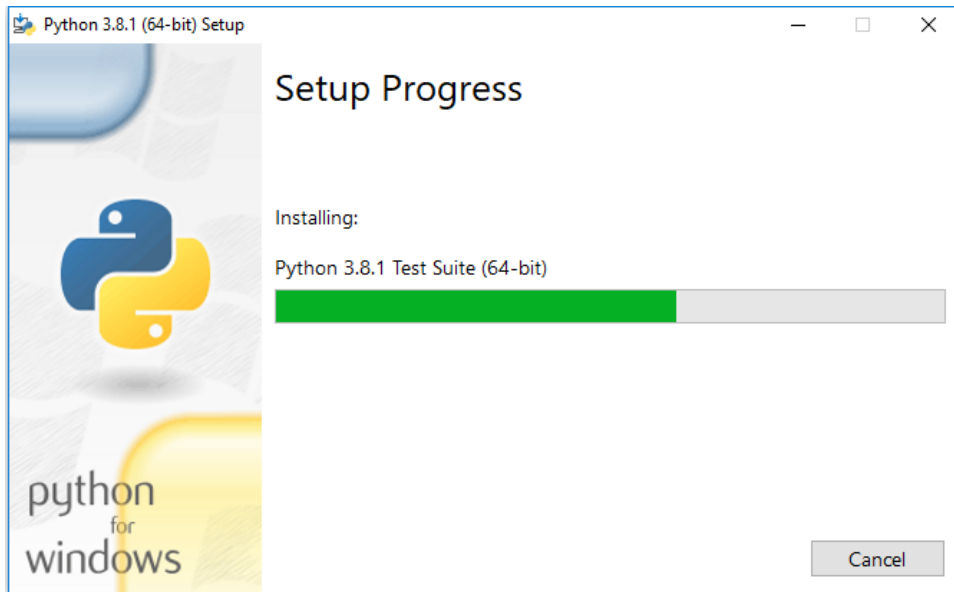


Delete 'Program Files\' first. When your installation folder name looks like the following screenshot below, then select the **Install** button to begin Python 3 installation.

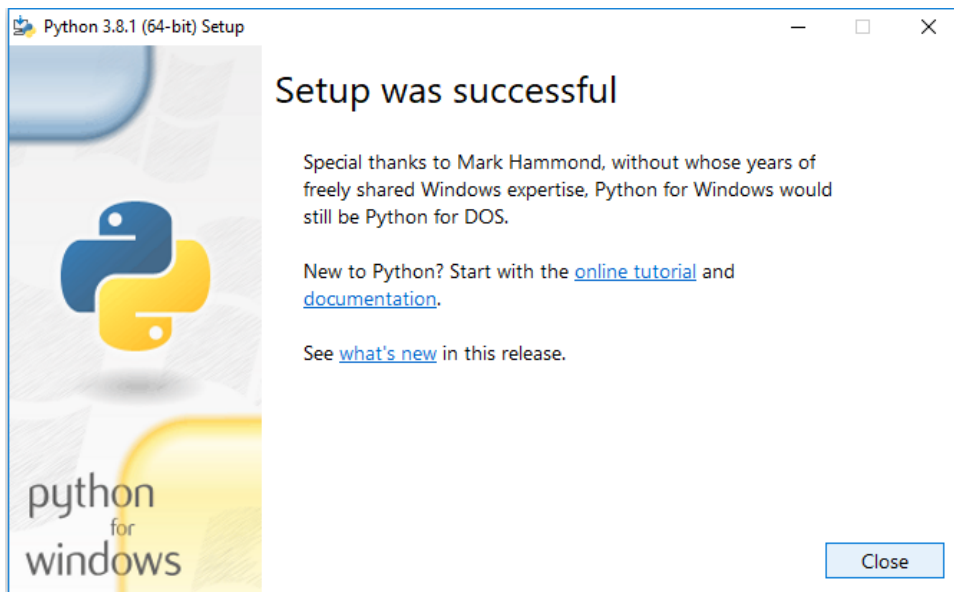


If you are using another Python version 3, simply change the last digit(s) to reflect the correct information. i.e.) 3.7.4, then rename it to 'C:\Python37' or 'C:\Python374'.

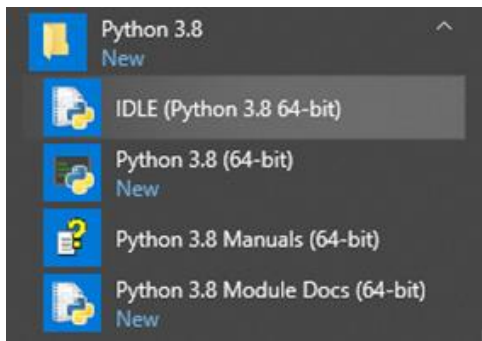
- 5 Wait until Python installation completes on your PC.



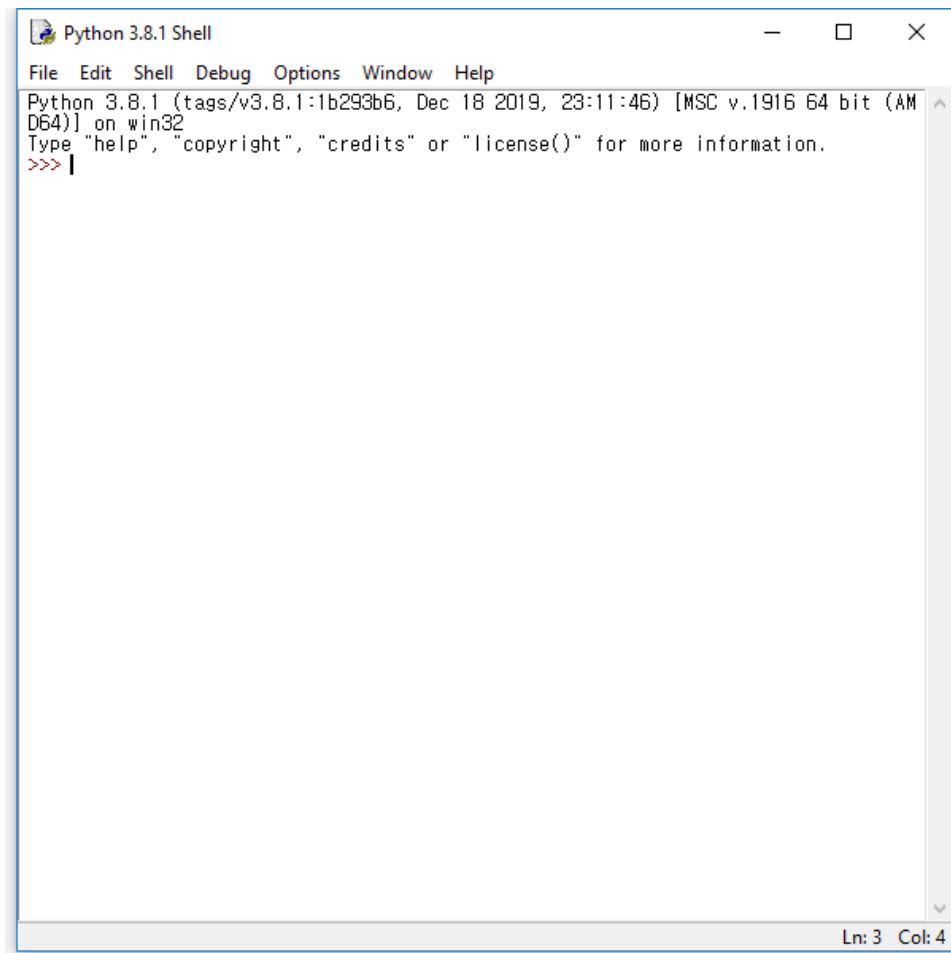
Once 'Setup was Successful' message window is displayed. Click on **Close** button to exit the Python installation wizard.



- From your Windows, select the **Windows icon** on the left corner of your screen, then go to the 'P' section of your programs and open '**Python 3.8 New**' program folder. Select '**IDLE (Python 3.8 64-bit)**' to learn Python basics.



- If all installation went smoothly, you will be prompted with the following Python Shell prompt as shown below.



*"Python interpreter is now waiting for your input. Let's go and play with Python!"*