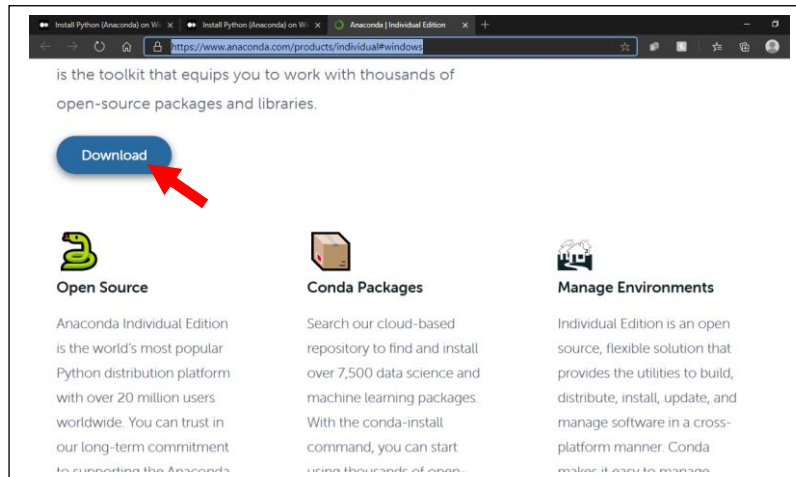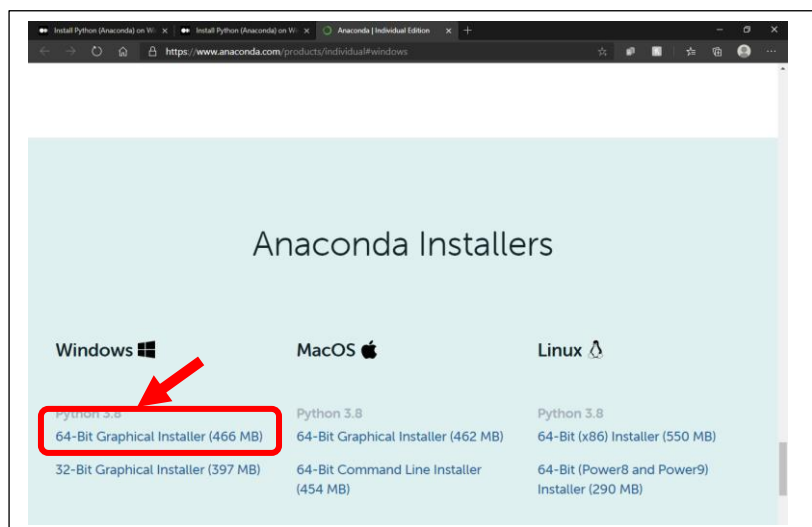# Installing Python (Anaconda) with PyCharm Editor

Install Python (Anaconda) on Windows:

⇨ **Click: Install Anaconda for window**


⇨ Click => Download

You will find choices for different operating system (OS), I am using 64-bit windows, so I will keep showing you the process of installing anaconda of the 64-bit Graphical Installer. For those using other operating systems, please select the appropriate anaconda installer for your OS and follow the installation instructions.
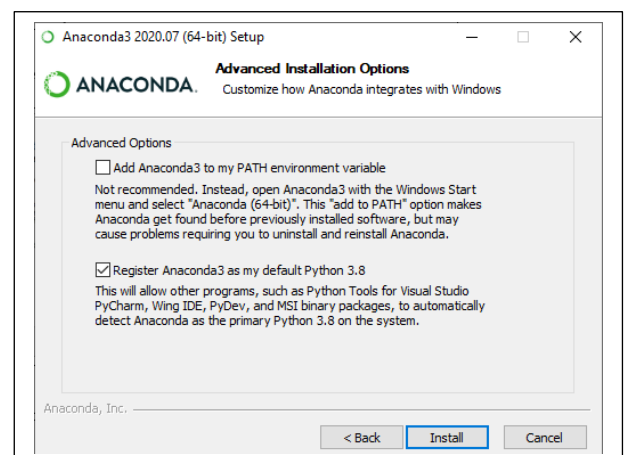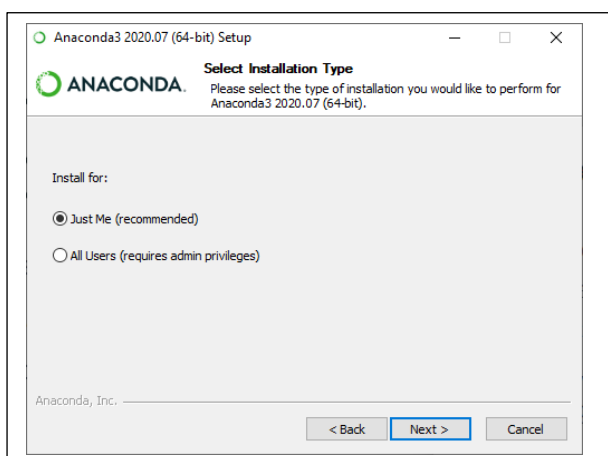
Installation on 64-Bit Windows:
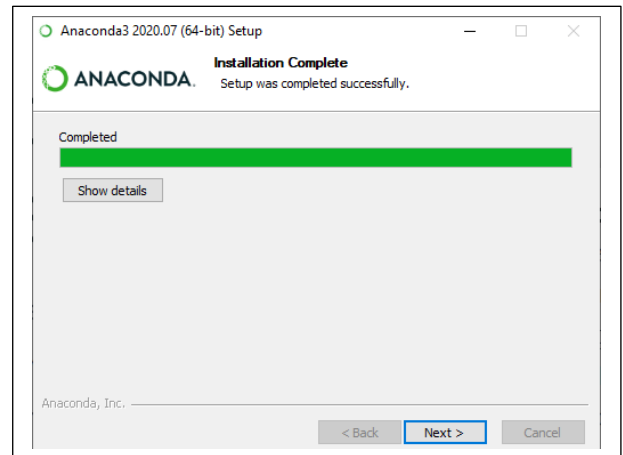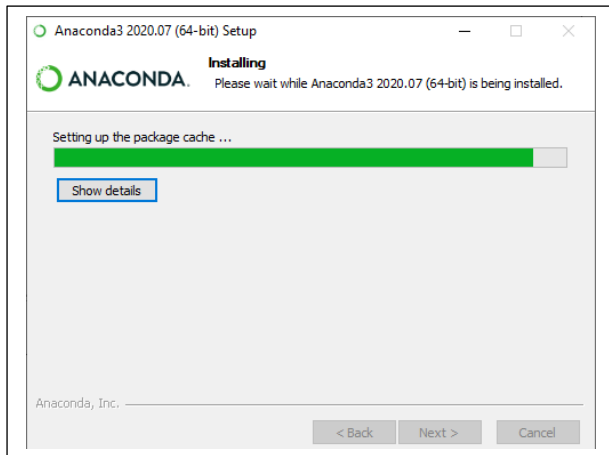
⇨ Click to download the installer
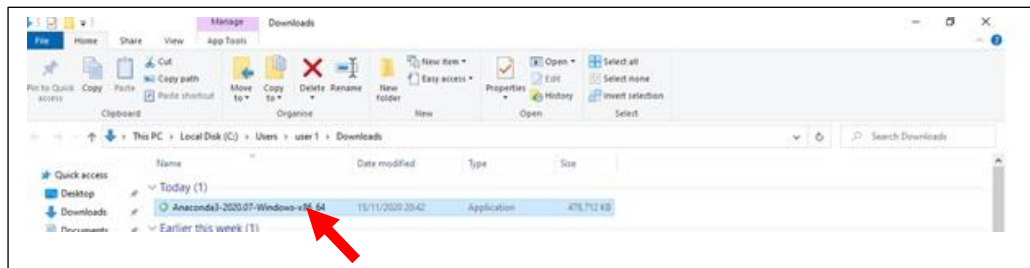
⇨ After the download is completed, click on the anaconda installer to install.
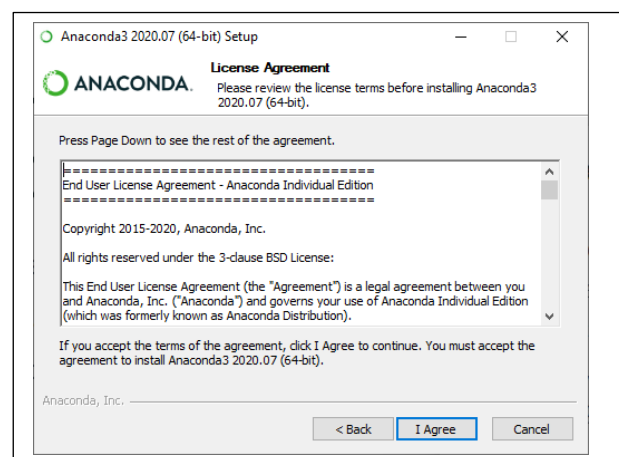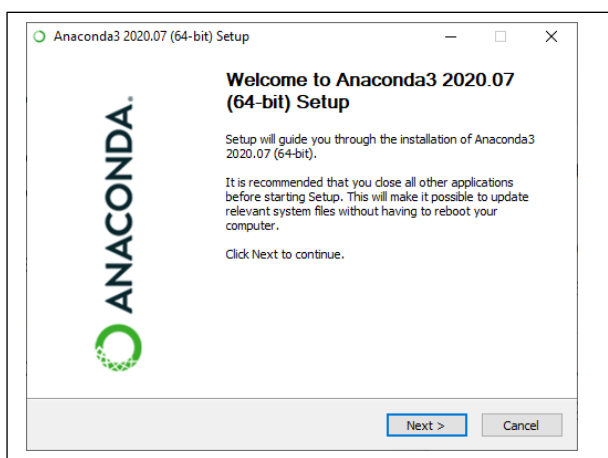
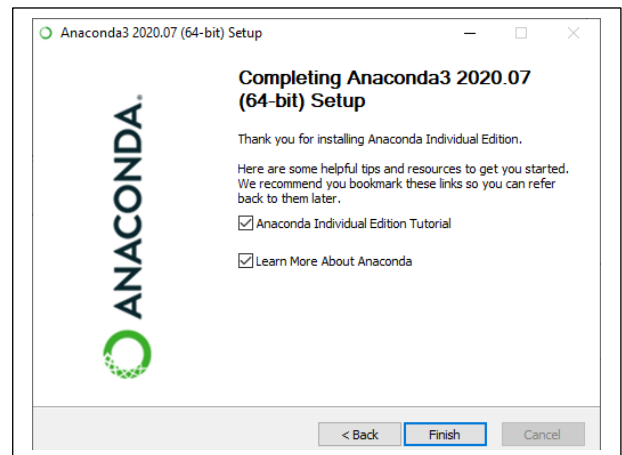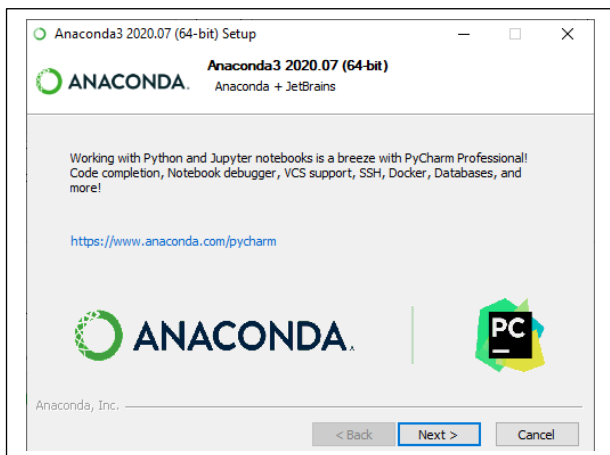⇨ Click Next to continue and click Agree …

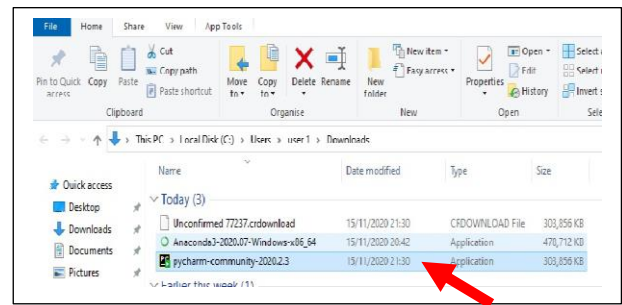⇨ Follow the instructions with recommended options: Click Next and Click Install.
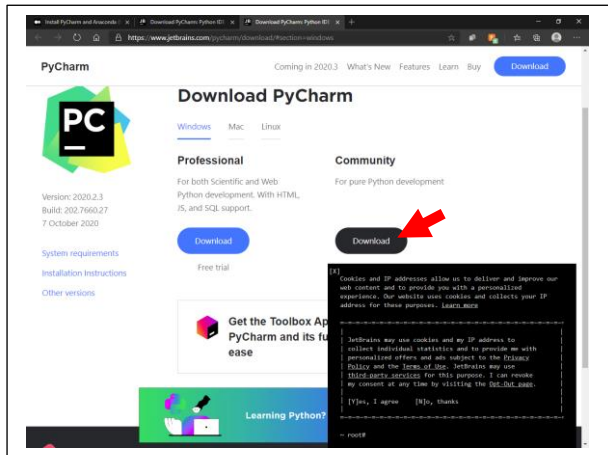
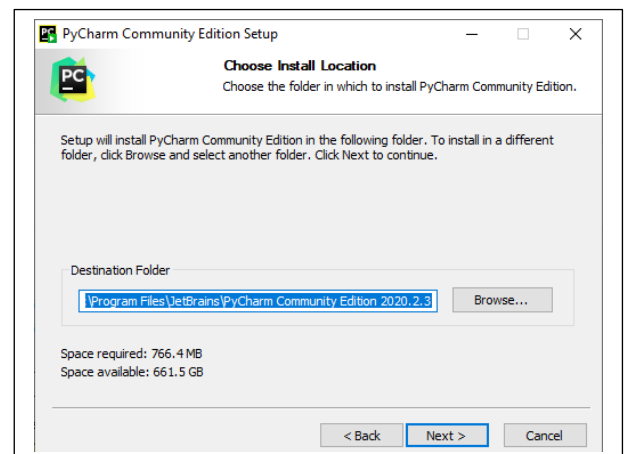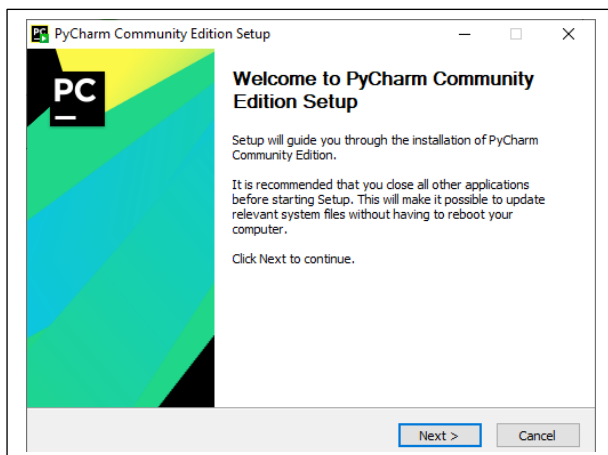⇨ Wait for the installation to complete and click <u>Next</u> …

⇨ Click <u>Next</u>, then Click <u>Finish</u> to finish and exit the installation widget…!

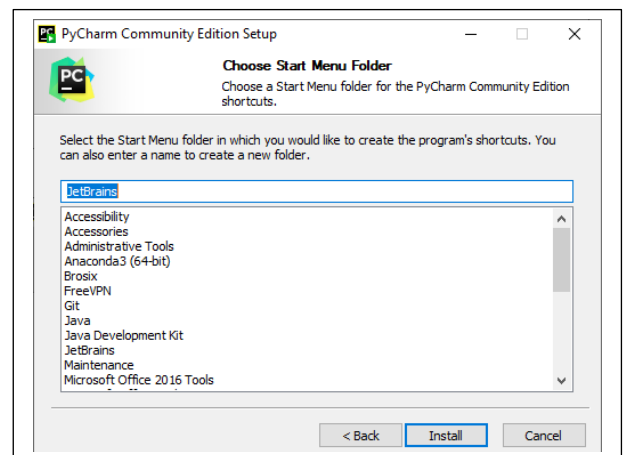## Installing Pycharm for your OS:

⇨ **Download community edition of Pycharm for you OS here**

⇨ When the download is completed, click the executable file to install.

⇨ Click Next and Next to continue installation of PyCharm Community Edition …
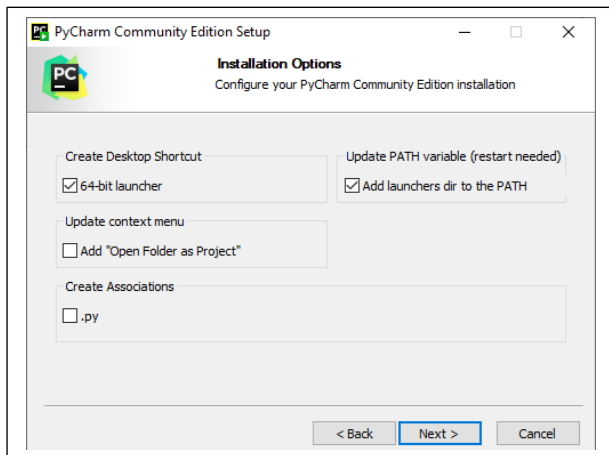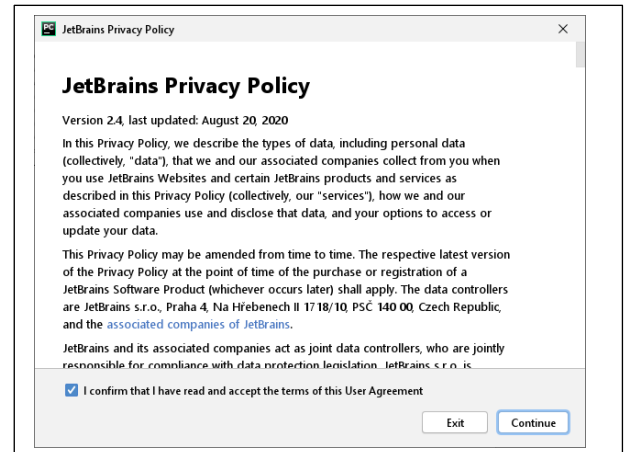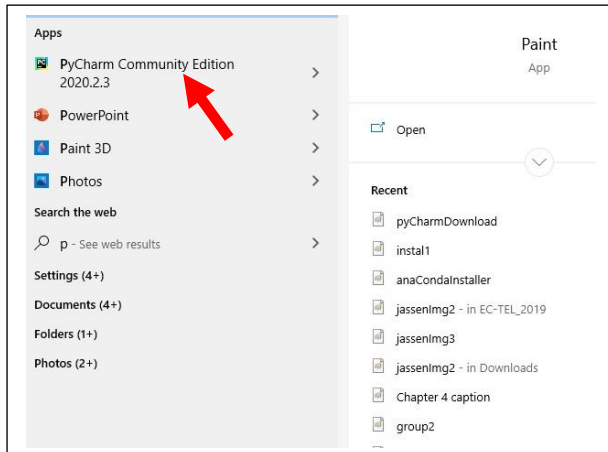
⇨ Check *Create Desktop Shortcut* <u>64-bit launcher</u> and *Update PATH (restart needed)* <u>Add launchers dir to the PATH</u>. Click <u>Next</u> and click <u>Install</u> ….
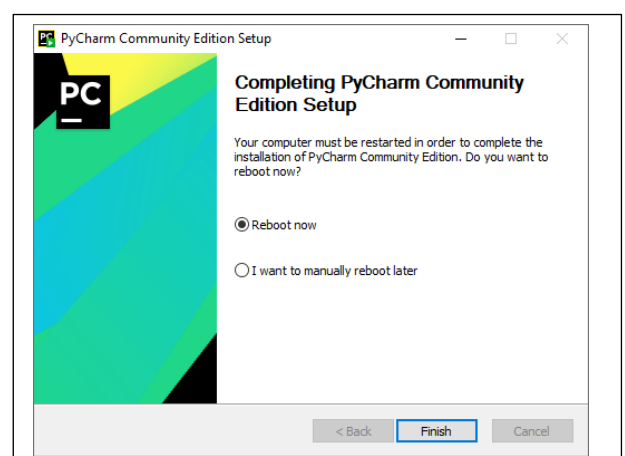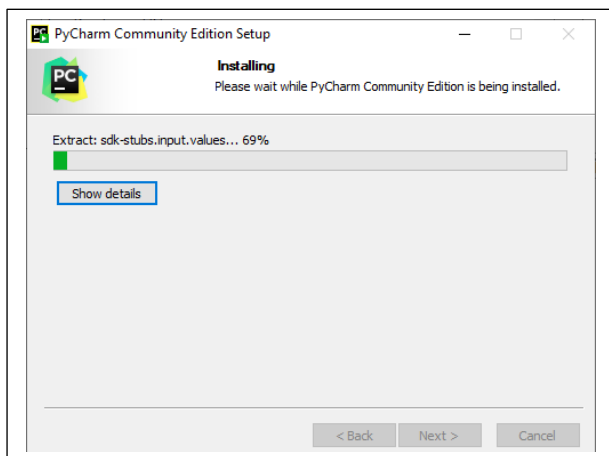

⇨ Wait for the installation to complete … Check *<u>Reboot now</u>* and Click <u>Finish</u> to complete the installation …!

Starting with PyCharm

⇨ Launch the PyCharm Community Edition that you have just installed ... being your first time using PyCharm, you might be prompted to read and agree to the terms of the JetBrains Privacy Policy ... check I confirm that I have... (Of course, that's if you want to agree, otherwise you will exit the PyCharm Community Edition 😊).
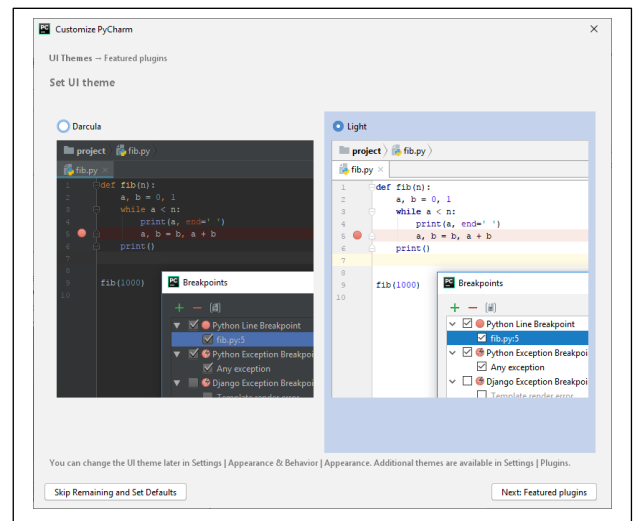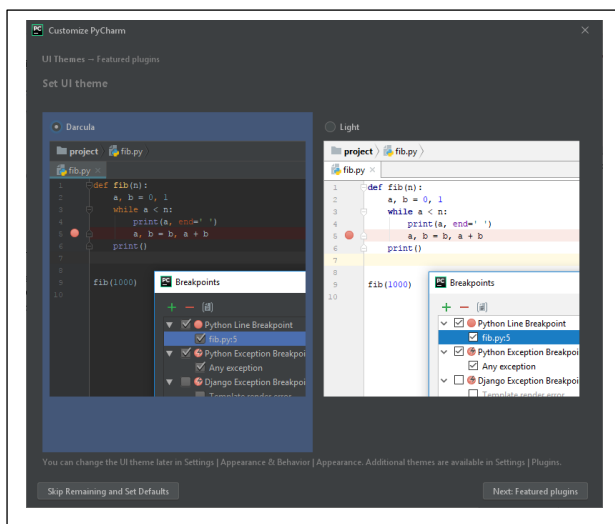
⇨ You will be asked to choose your User Interface (UI) theme—Black is chosen by default, but I prefer white, maybe because I'm black 😊. Choose the theme that you like... and then press Next: Featured Plugins ...!
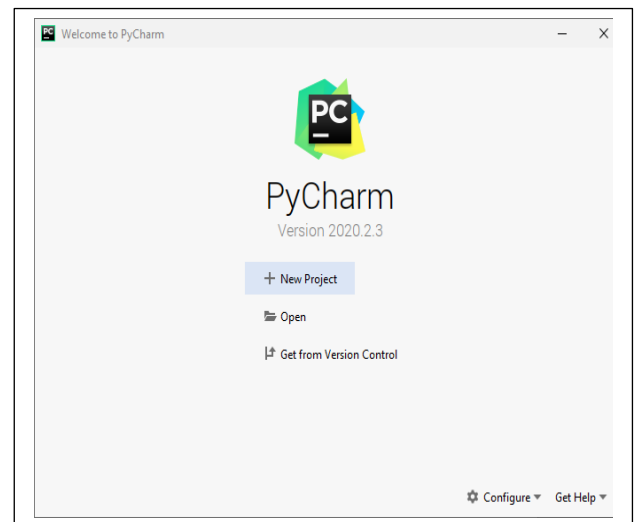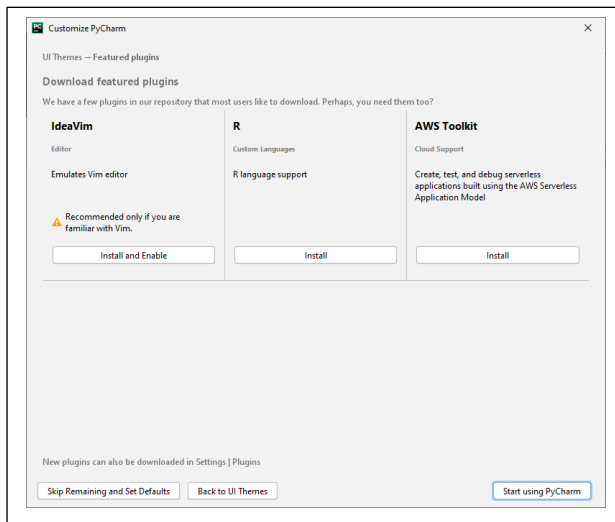
⇨ Click <u>Start using PyCharm</u> and Click <u>New Project</u> …!
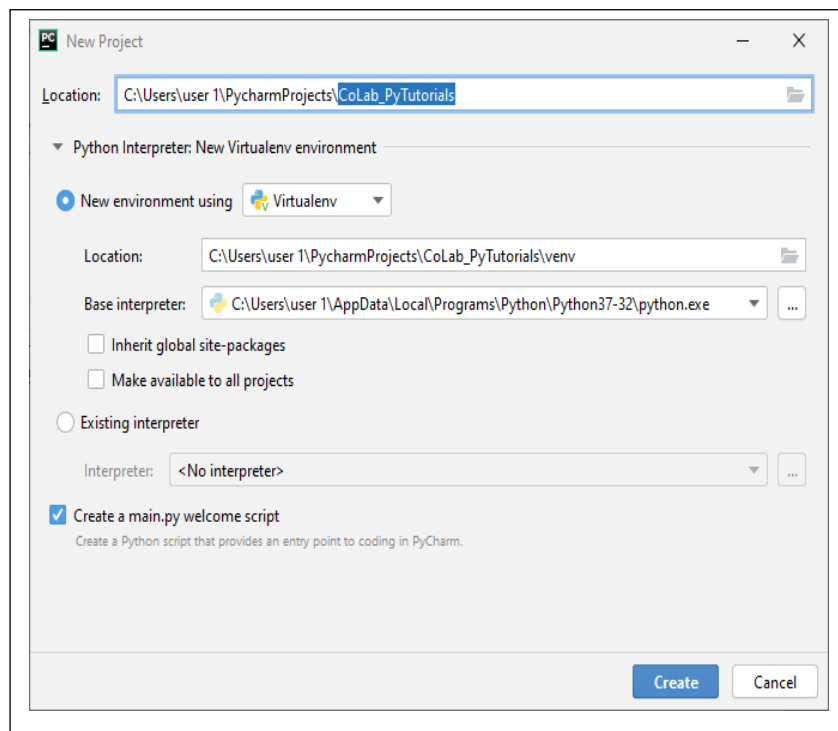
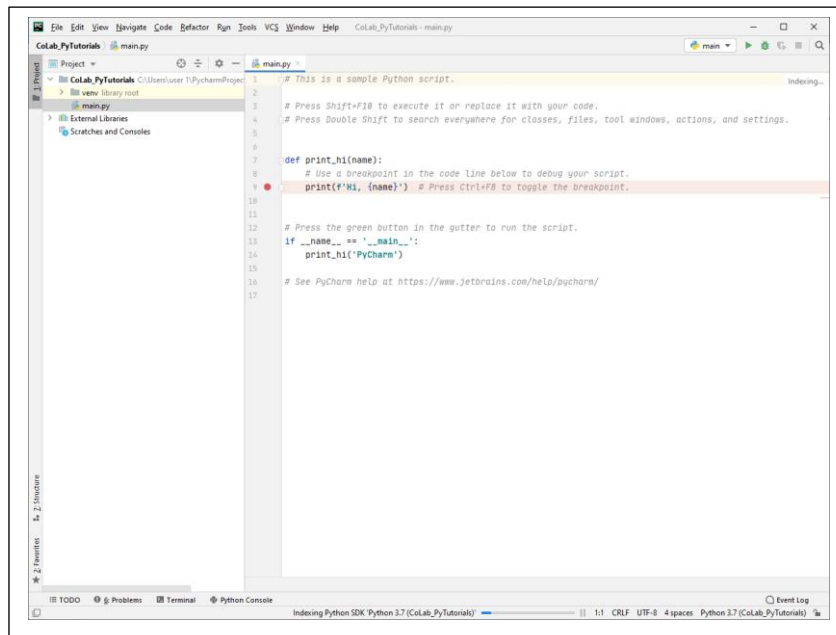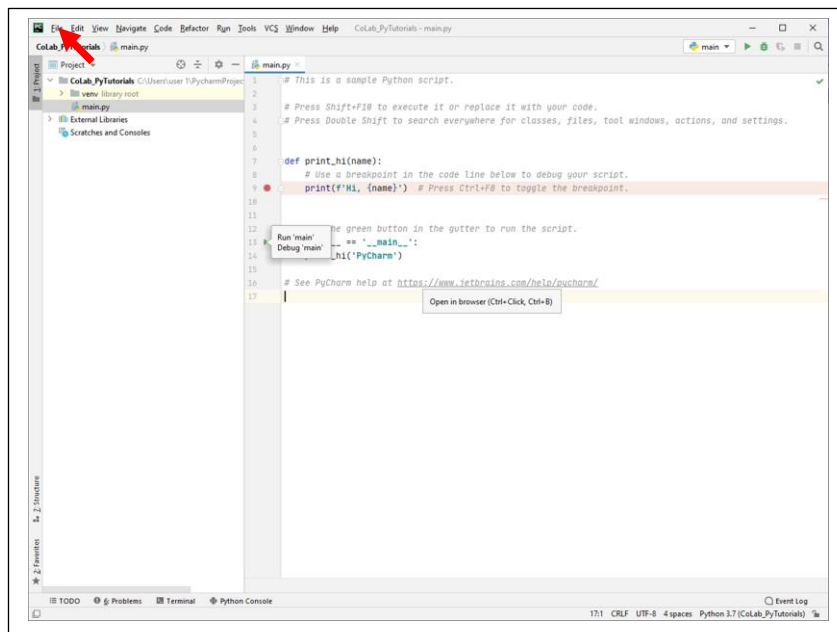⇨ Default name is given to any new project, change it to any name you like. I called my project CoLab_PyTutorial. After you have named your project, click <u>Create</u> ... it will take a few minutes to set up your PyCharm Environment as shown below.
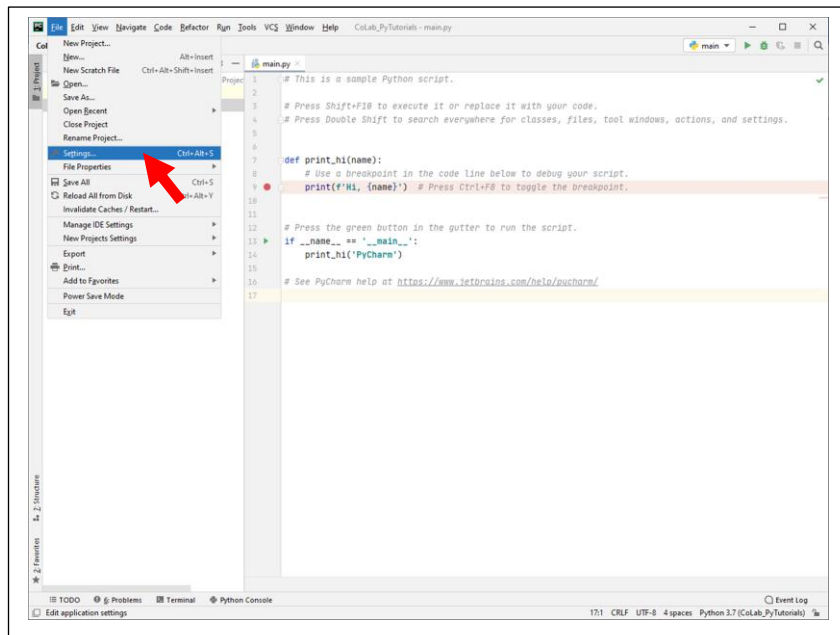

⇨ Now you need to setup PyCharm with the anaconda3 environment.

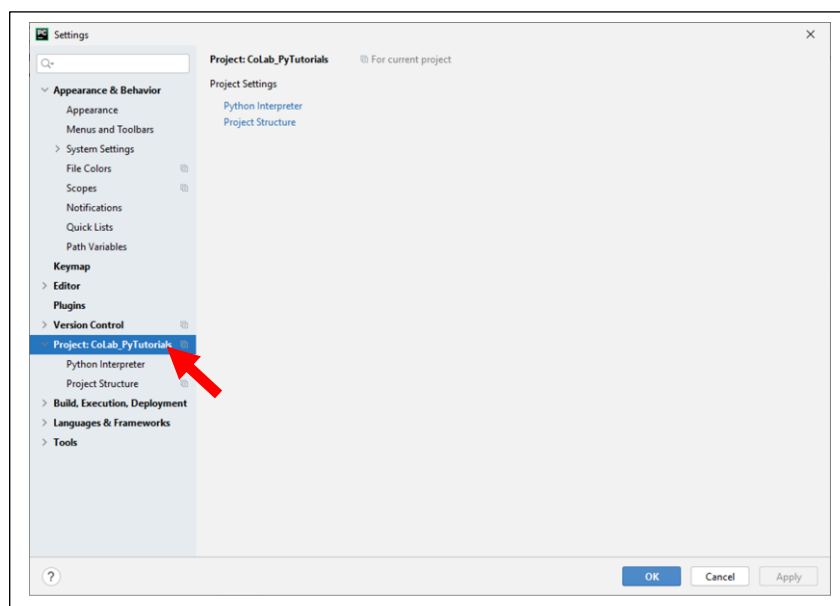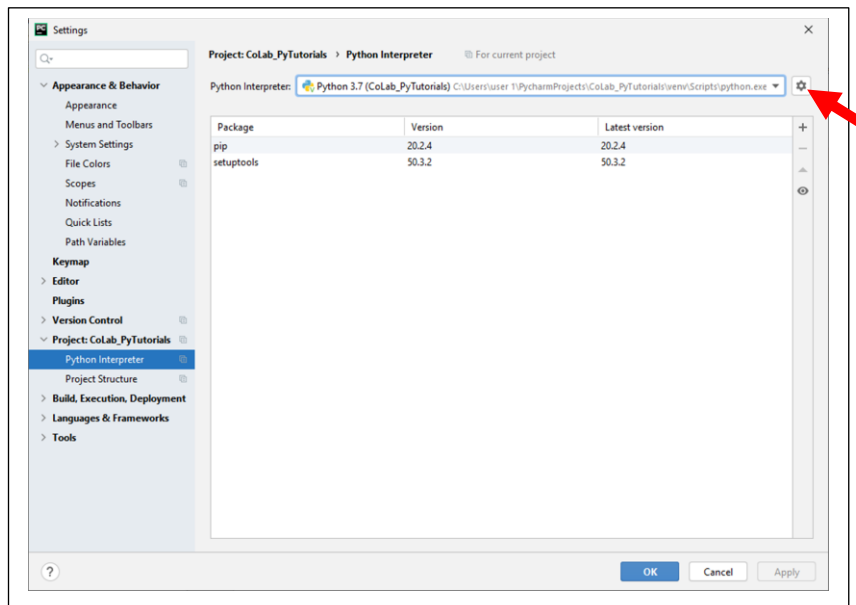

⇨ Go to <u>File</u> =>

⇨ Click on settings
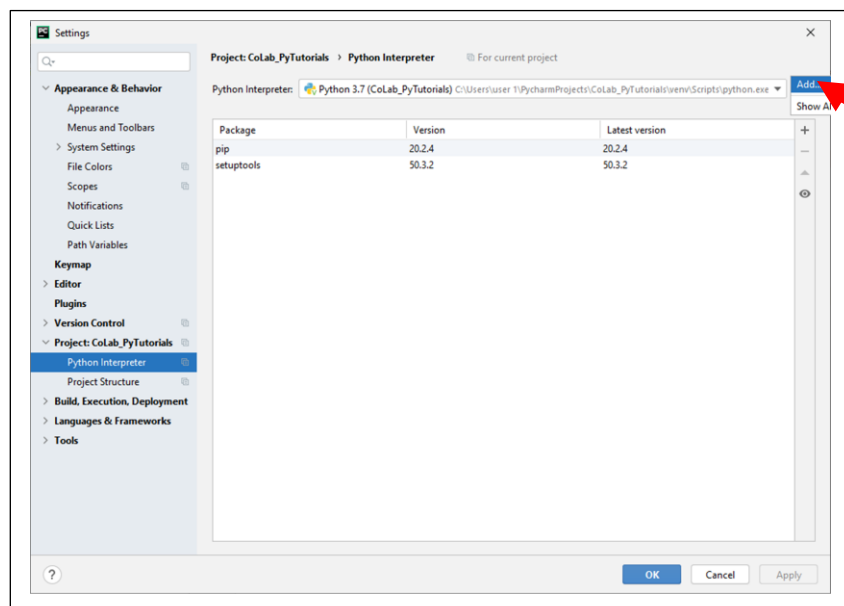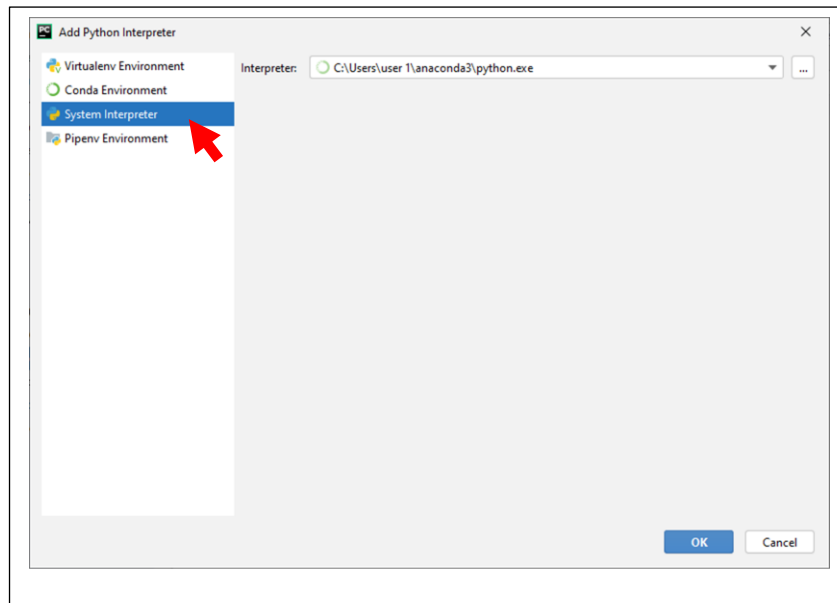

⇨ Click on your project (here CoLab_PyTutorial) => Click Python Interpreter

⇨ In Project CoLab_PyTutorials => Python Interpreter => Setting as indicated with the RED arrow above…!

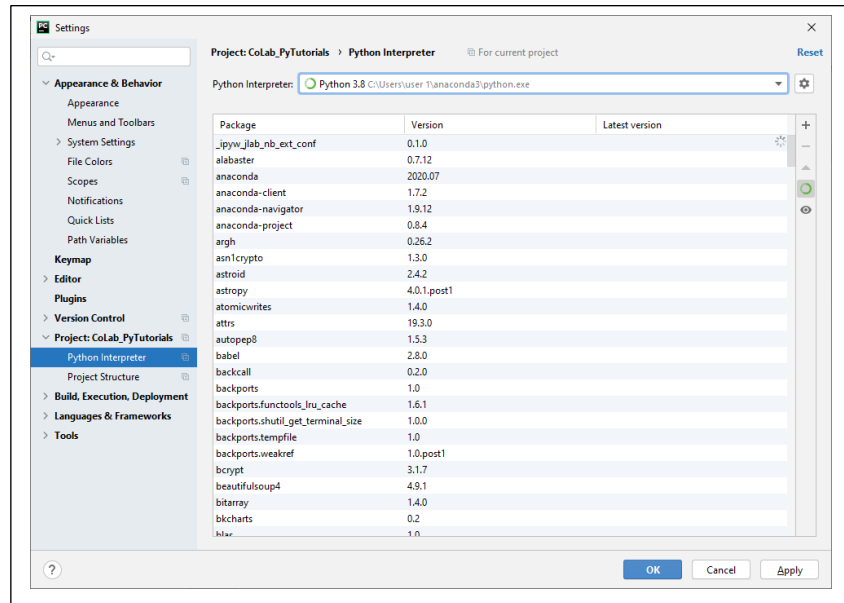
⇨ Click Add =>

⇨ GO TO => <u>System Interpreter</u>
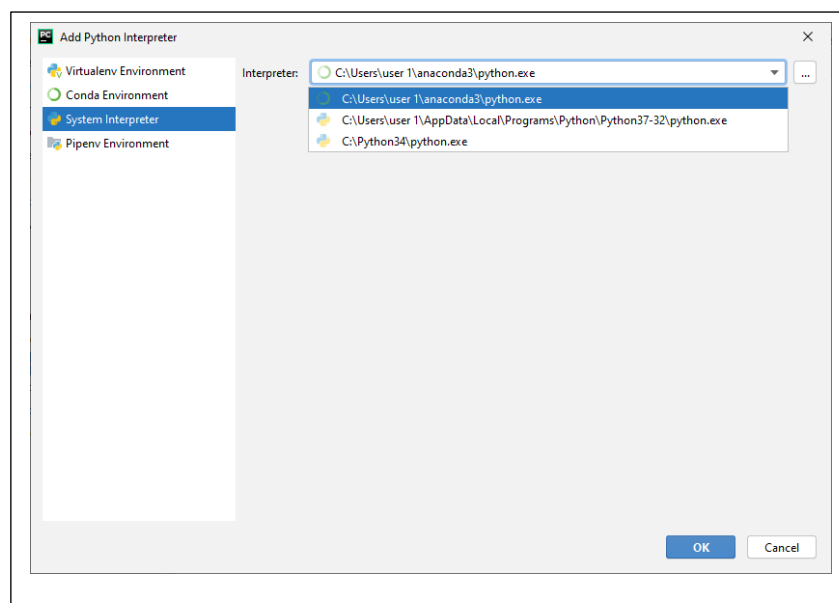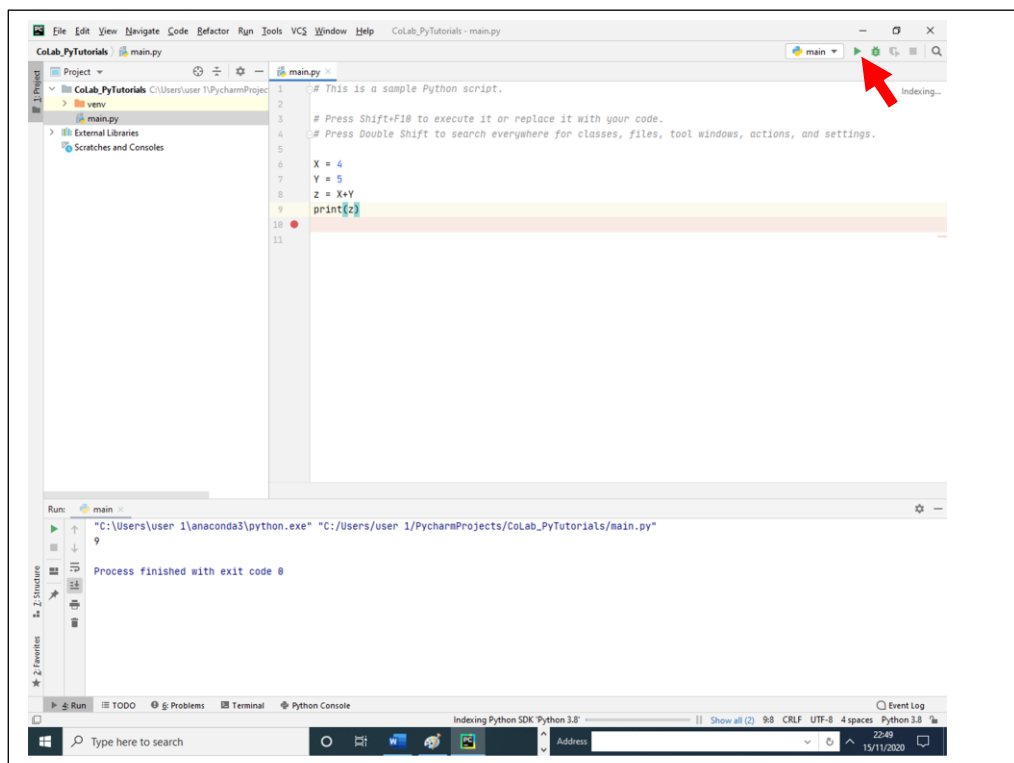

⇨ Select from your installation folder of <u>…/anaconda3/python.exe</u>
(e.g. <u>C:\Users\user 1\ anaconda3\python.exe</u>. Click Ok…allow time to load …

⇨ Click <u>Apply</u> and Click <u>OK</u>

If everything works well, you will have your PyCharm up and running as shown below.

<u>Test your PyCharm Editor:</u>

⇨ Delete the pre-written codes in your main.py and type the following:

```
# Press Shift+F10 to execute it or replace it with your code.
# Press Double Shift to search everywhere for classes, files, tool windows,
actions, and settings.

X = 4
Y = 5
z = X+Y
print(z)
```

⇨ Click the green ▶ run button indicated by the red arrow in the figure above.

<u>In the output pane of your PyCharm, you should have:</u>

```
"C:\Users\user 1\anaconda3\python.exe"

"C:/Users/user 1/PycharmProjects/CoLab_PyTutorials/main.py"

9

Process finished with exit code 0
```

<u>Congratulations! You are good to go on Python Learning!</u>