

## Installing Python and Using Pycharm

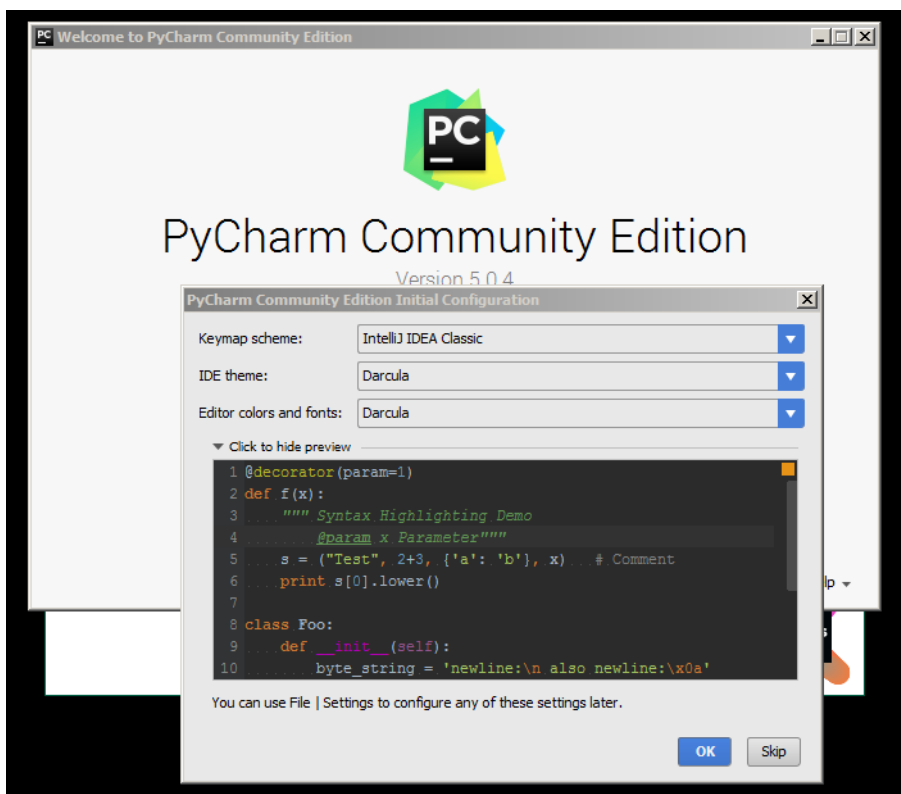
Welcome to the extensive python tutorial. This tutorial will focus on how to install Python programming language in your computer and how to install Pycharm to use python.



To begin you will need these two files.

First one is a Pycharm community edition. This is an IDE(Integrated Development Environment). With this we will be able to code and run python files effortlessly. Most of the tutorials on MooICT will be using Pycharm to help you understand and learn python.

Second one is more important. Its an actual python programming language installer. Windows/Mac doesn't come with python natively installed. We will install it and then we will be able to run the code we write on Pycharm.



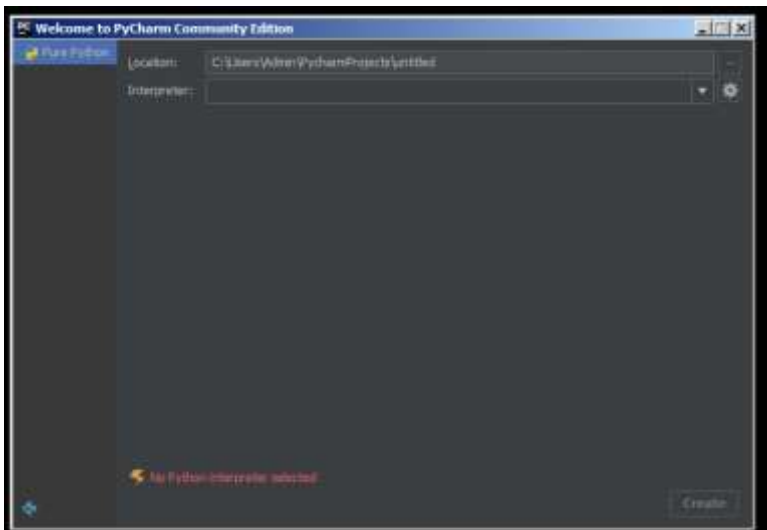
After the installation will finish it will ask you to choose the theme for you. For me I like Dracula. Its easy on the eyes and cool name isn't hurting no one lol.

Now lets start with creating a new project

More tutorials on [www.mooict.com](http://www.mooict.com)



Once clicked on it, you will see this screen.

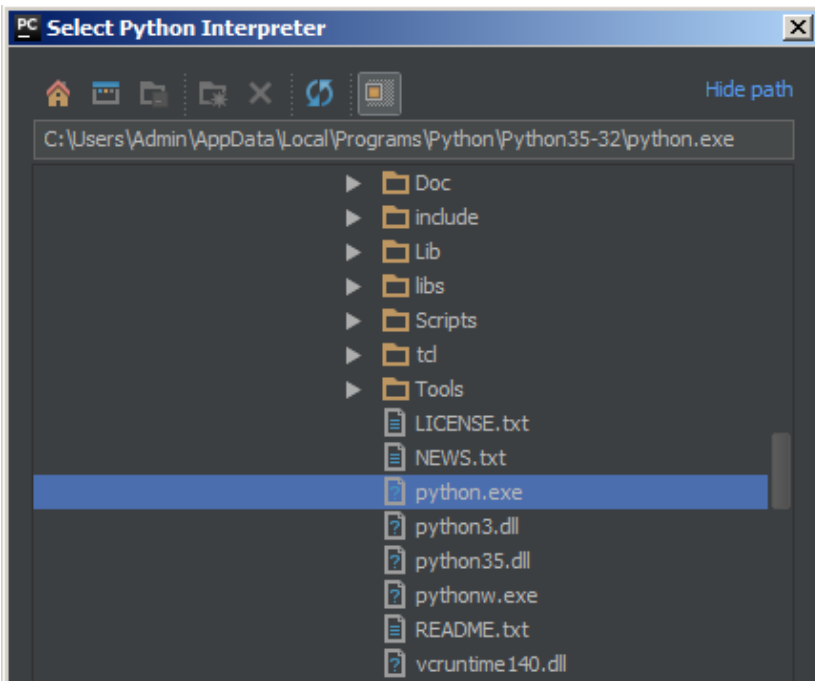


All this screen is saying where did we install the python programming language in the system. Told you we will need them both.

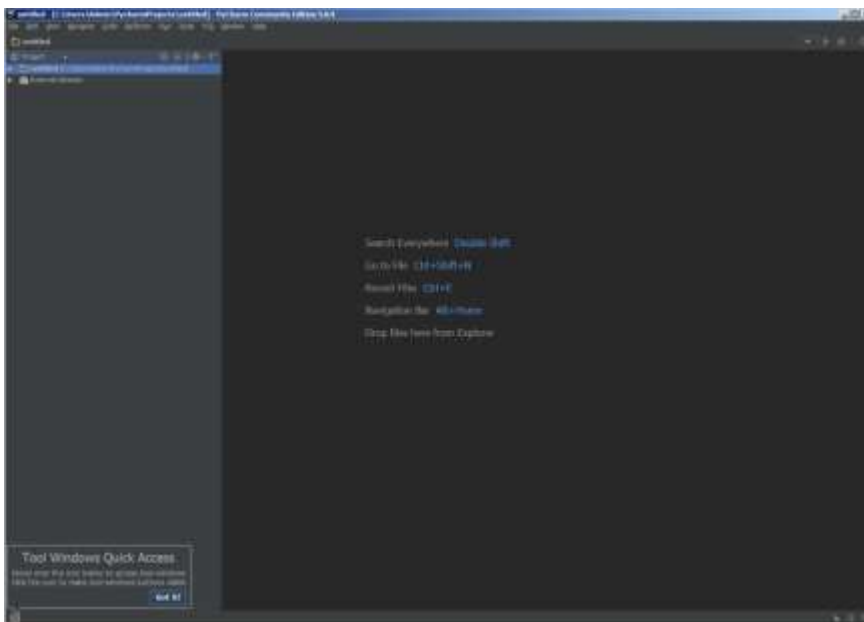
Mines located in

**C:\Users\Admin\AppData\Local\Programs\Python\Python35-32\python.exe**

Note: you can find python on your start menu and right click > properties > target box will have the location of your python programming language. you can copy and paste the location of this in the box or type.

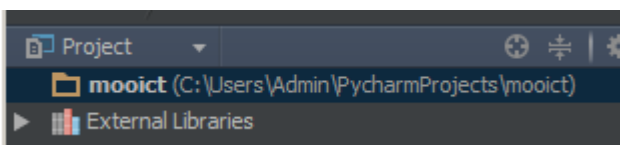


Click **Create** and we are ready to code some python.



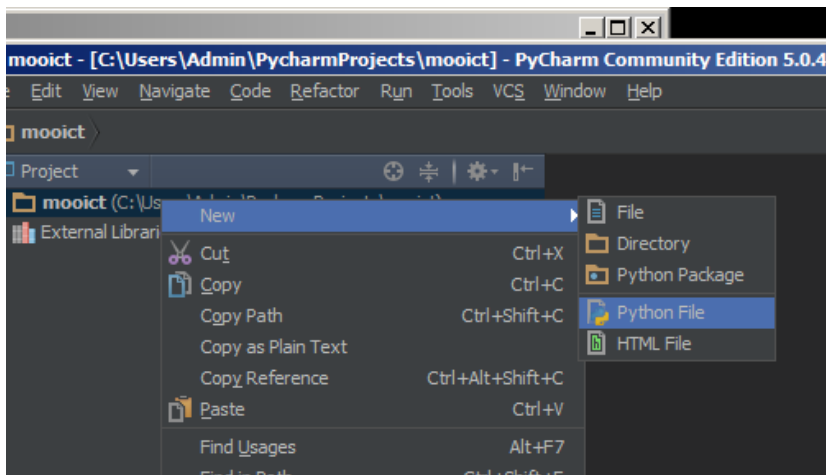
The full IDE will come forth once its done with all the loading files.

Now we can go and try file new project to get started



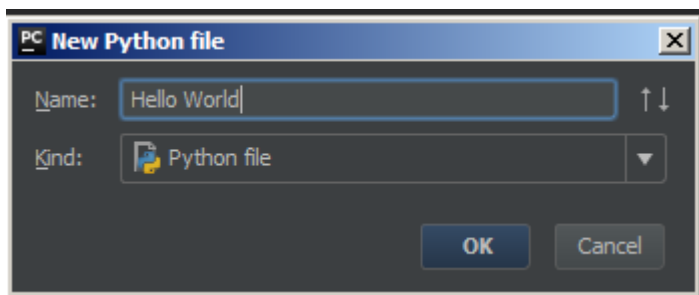
right click on the mooict(or whats your project is called) project or what you named your first project.

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New > Python File

Call this one Hello World

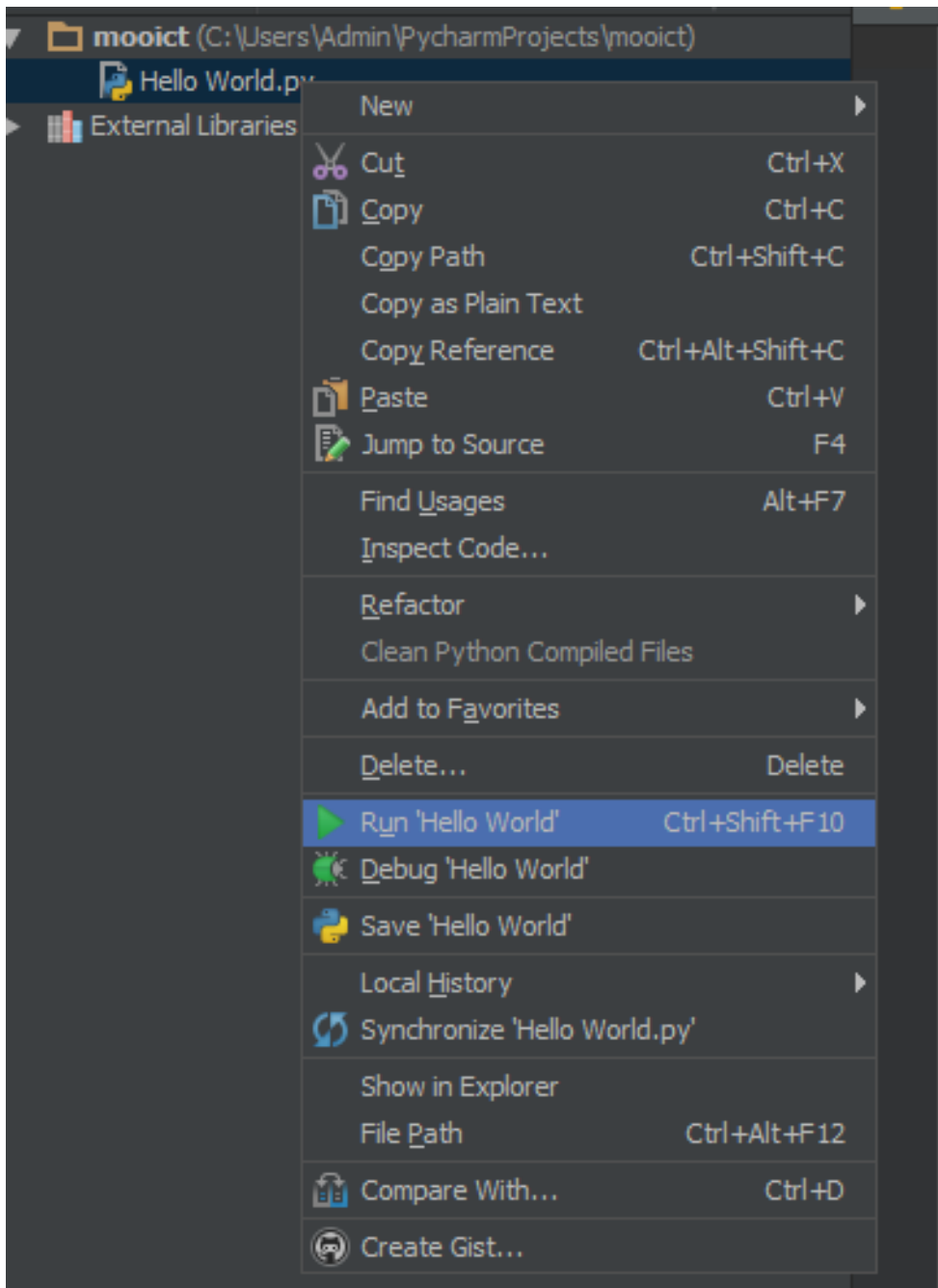


Click OK

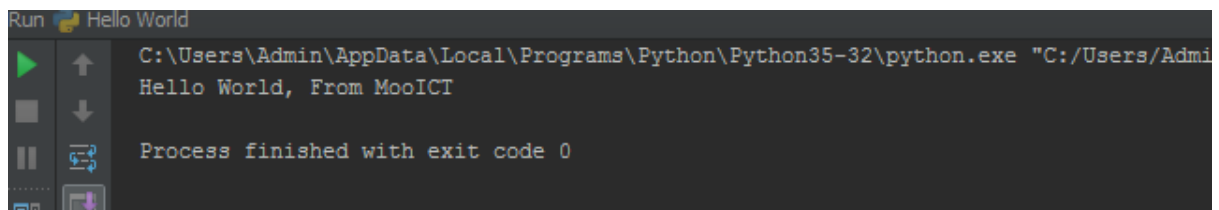
Now type

```
print ('Hello World, From MooICT')
```

Right click on the Hello World.py file under the project and choose run



Bottom of the screen you will see the actual output from this file



Well done. You have got it.

More tutorials on [www.mooict.com](http://www.mooict.com)

From now on we will use and test each of our python code in pycharm and run in the same manner. Follow on the next tutorials to get started with more interesting tutorials.

**Now remember**

This is not the only way to do this. There are variety of ways to compile a python project. you can do this from command line in windows aswell. I have decided to make this detailed tutorials for the students who are comfortable with an IDE such as pycharm and its easy to use.

If you comfortable in any other way please continue with the other tutorials.

Happy Days