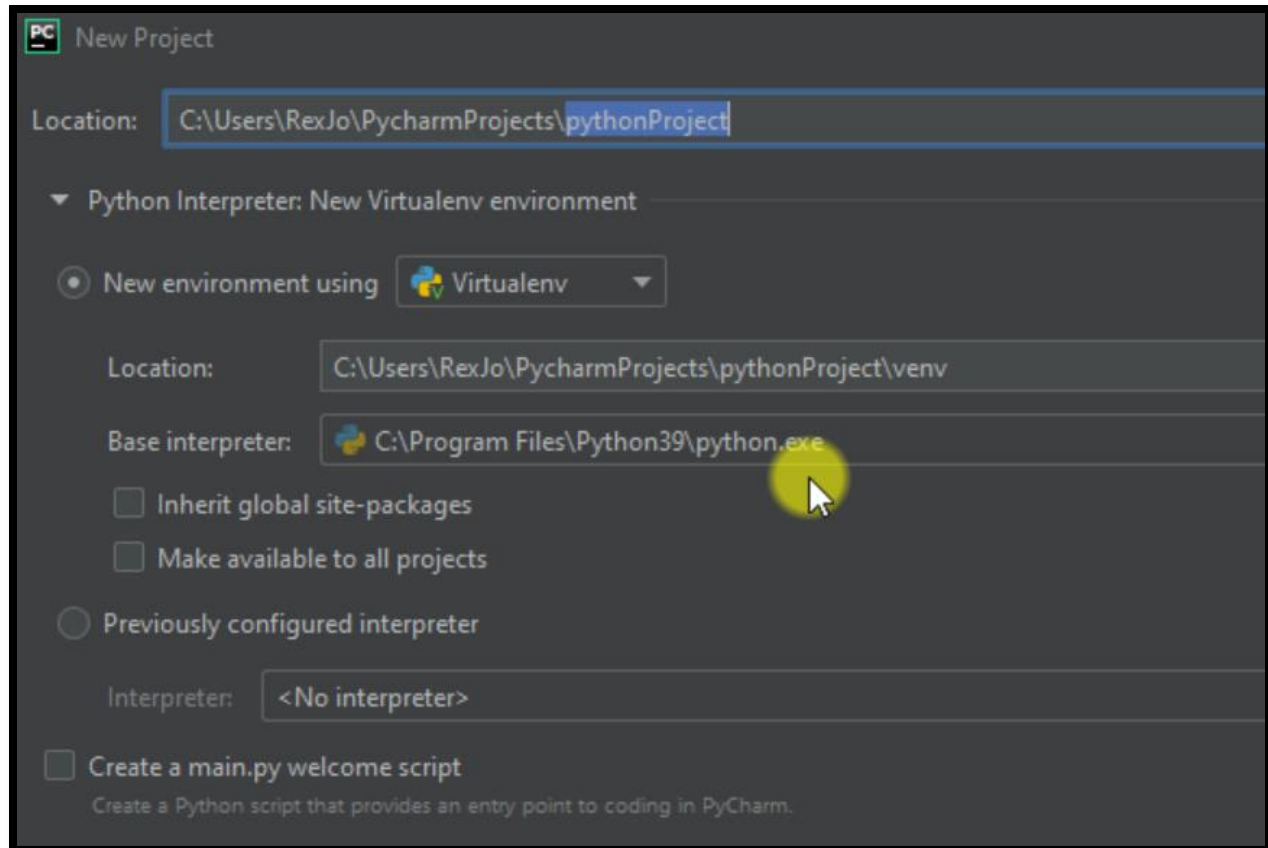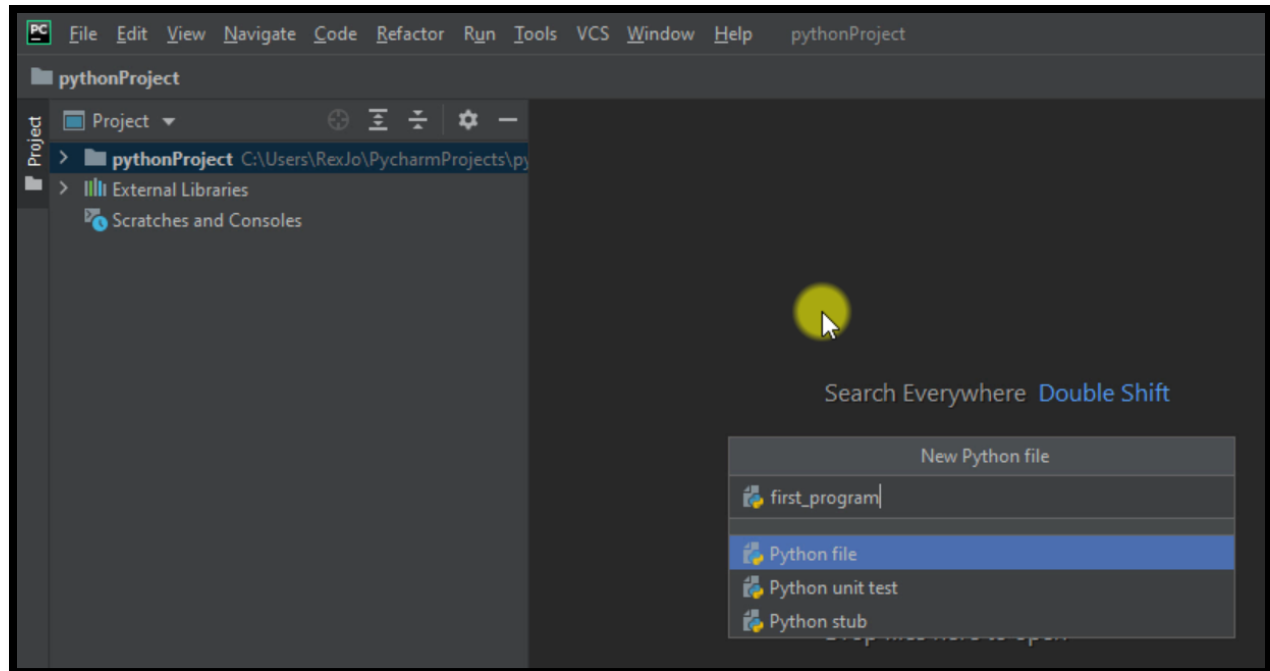# Configure PyCharm &
Write First Program

Python Video https://www.youtube.com/watch?v=8lMUXSozUYw&list=PLfp-cJ6BH8u8iMtCoea_mWkGesJGQG-vZ&index=3

In this session, we are going to configure PyCharm and write a Hello World program. By default, we see I have a dark color scheme. I will show you how to change the color if you want to change it. Click New Project. The Base Interpreter shows Python39.exe.
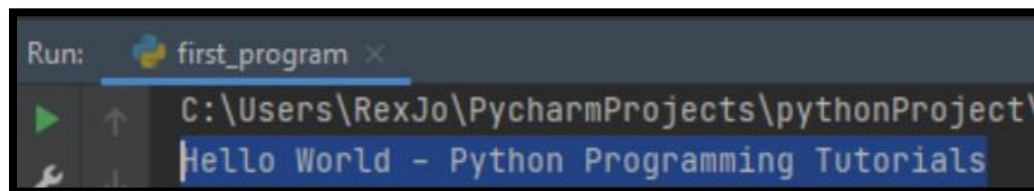
That's important. Recall from installing Python, the location changed when we customized the location. If you had a different Base Interpreter, you can select it by clicking the drop down or selecting Previously configured interpreter. Click the 3 dot ellipsis then System Interpreter and select the correct Interpreter. I'm going to click Cancel since I already have the right Interpreter. Make sure this checkbox for Create a main.py welcome script is unchecked. We are going to write our own script. Select the radio button for New environment using Virtualenv then click Create.
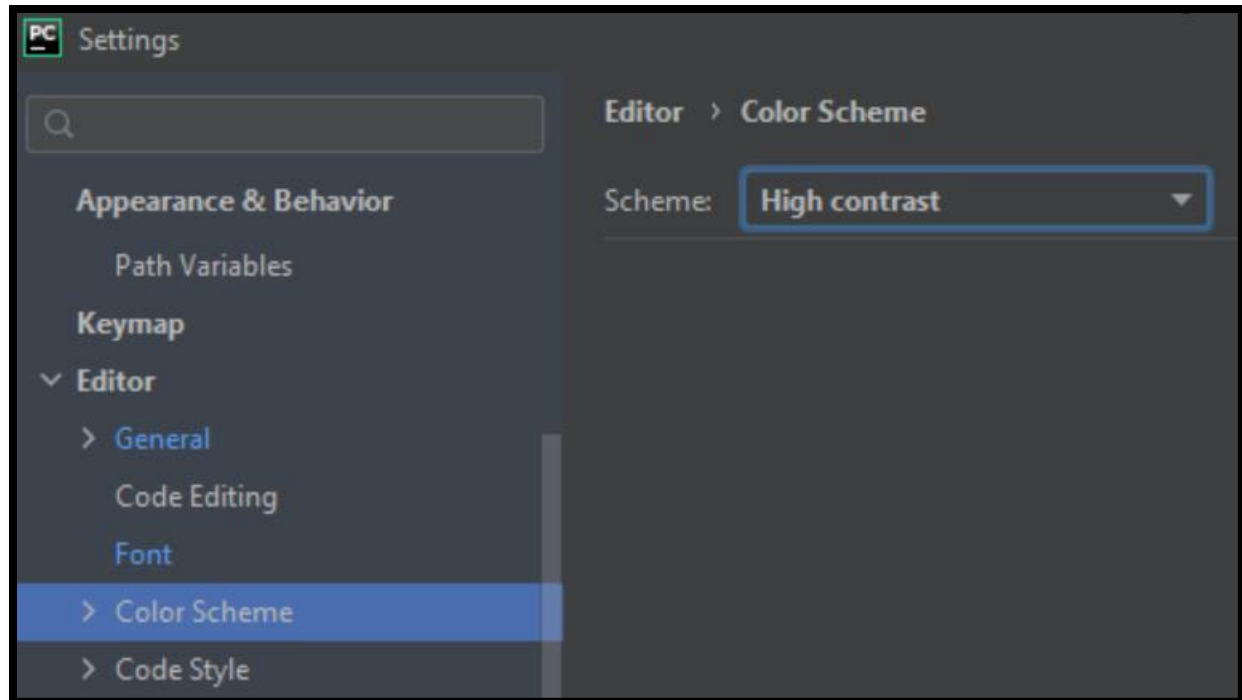
Since we are here, let's go ahead and write a program. Right click pythonProject, New, then Python File. The Name will be first_program

Then hit Enter. We can start by writing print("Hello World – Python Programming Tutorials"). We can run this program different ways. We can right click and select Run. Also, select Run from the menu then click Run. Another way Alt + Shift + F10. Right click to see CTRL + Shift + F10. Right now, the play button is disabled but when it's green, we can select the button or the short cut Shift + F10. For now, let's go ahead and right click then hit Run 'first_program'. In the Console, we see Hello World – Python Programming Tutorials.

Configure PyCharm some more by going to File then Settings. This Appearance is where we change the Theme for the entire Project. However, I only want to change the Theme for the Editor and Console. So I don't change it here but we see Darcula is the default but the drop down shows Intelli J Light, Windows 10 Light, Darcula, and High Contrast. I prefer High Contrast. Go to Editor, General, and this checkbox "Change font size with CTRL + Mouse Wheel". This option let's us adjust the font with the mouse. To permanently adjust the font, we go to Font then change the Size to 16 or any size you choose. Color Scheme is where I change the Scheme to High Contrast.

I'm going to change one more thing and that's the Indent *(Not recommended when working on a team. It's best to keep indent at default)*. Select the drop down for Code Style then Python update Indent from 4 to 2. Click Apply then OK. We see the font for Editor and Console has increased with a High Contrast Theme. If you want more information about configuring PyCharm, you can go to jetbrains.com/help/pycharm/configuring-project-and-ide-settings.html.

That's it for Configuring PyCharm and writing our first program. Next, I will show you how to create and name variables.

Contact Info

✔ Email Rex.Jones@Test4Success.org

✔ YouTube https://www.youtube.com/c/RexJonesII/videos

✔ Facebook https://facebook.com/JonesRexII

✔ Twitter https://twitter.com/RexJonesII

✔ GitHub https://github.com/RexJonesII/Free-Videos

✔ LinkedIn https://www.linkedin.com/in/rexjones34/