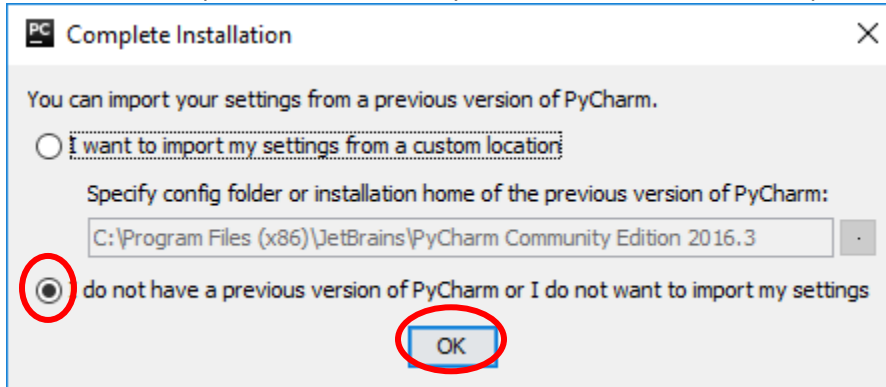
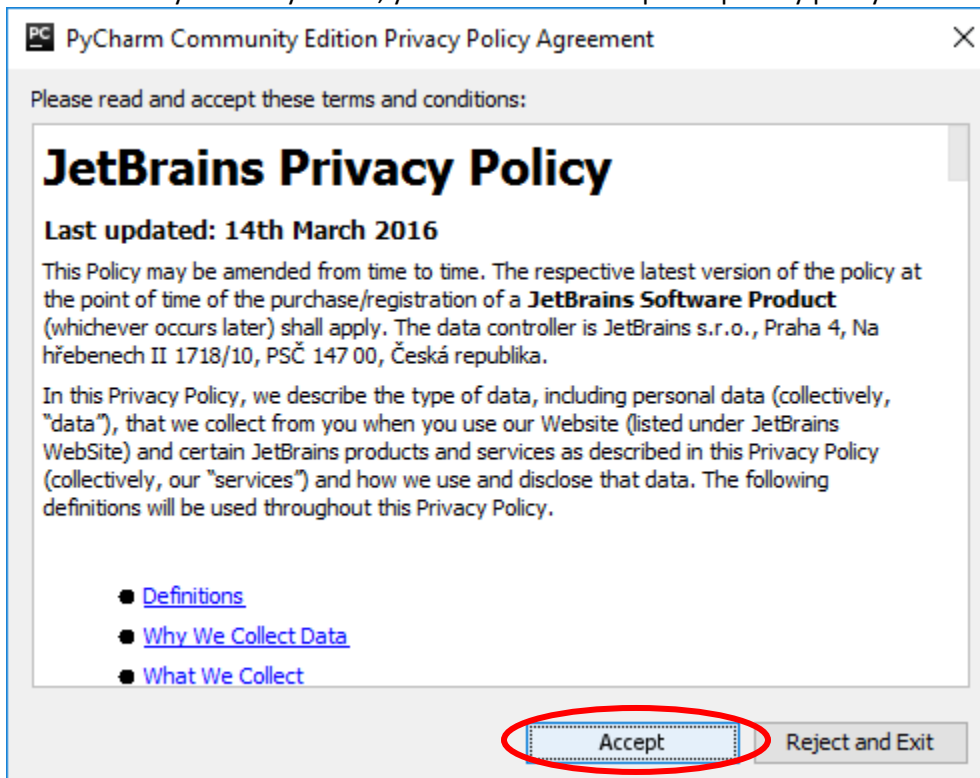


## Running PyCharm

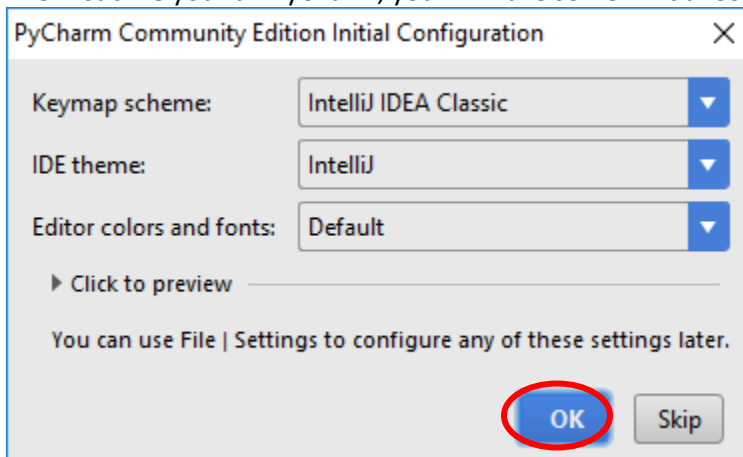
- 1) The first time you run PyCharm, you will get a message box asking about importing settings. You can select “I do not have a previous version of PyCharm or I do not want to import my settings” and click “OK”



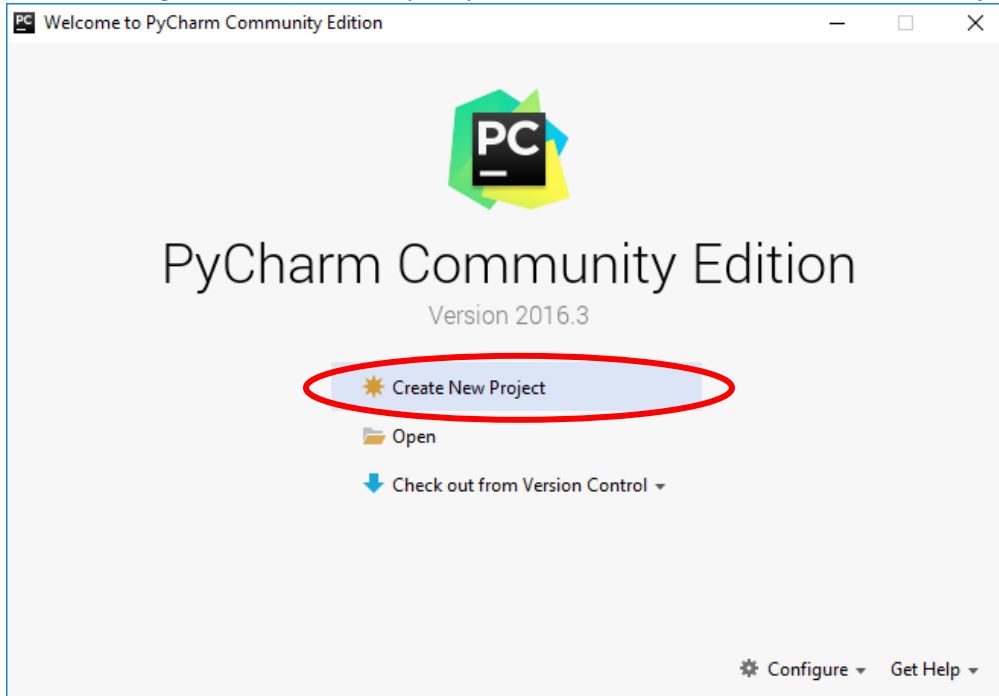
- 2) The first time you run PyCharm, you will need to accept the privacy policy.



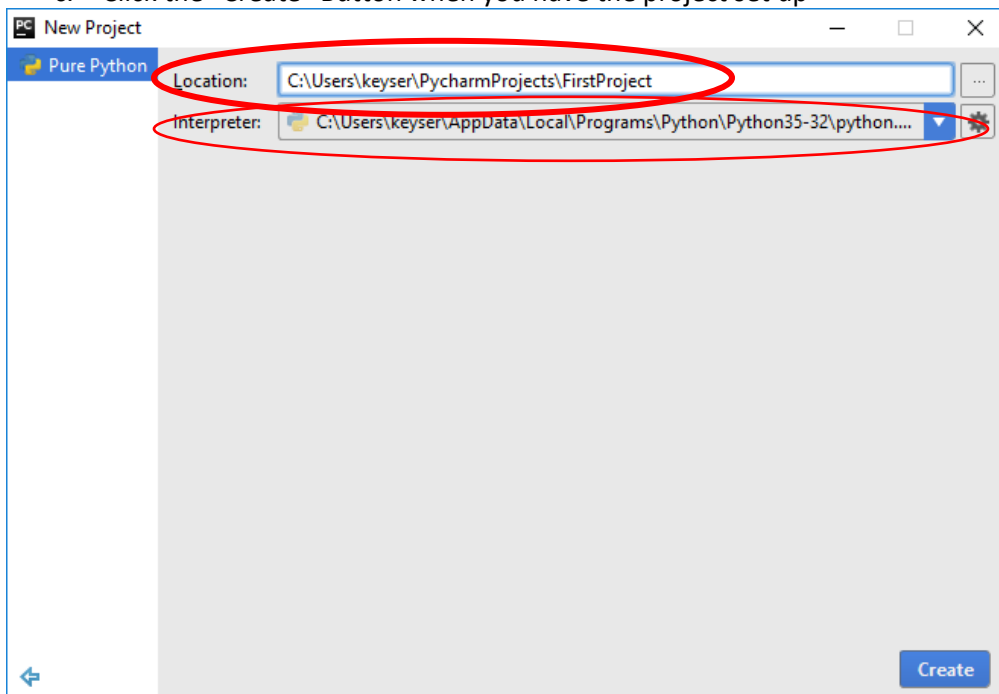
- 3) The first time you run PyCharm, you will have some “Initial Configuration” options. Just hit “OK”



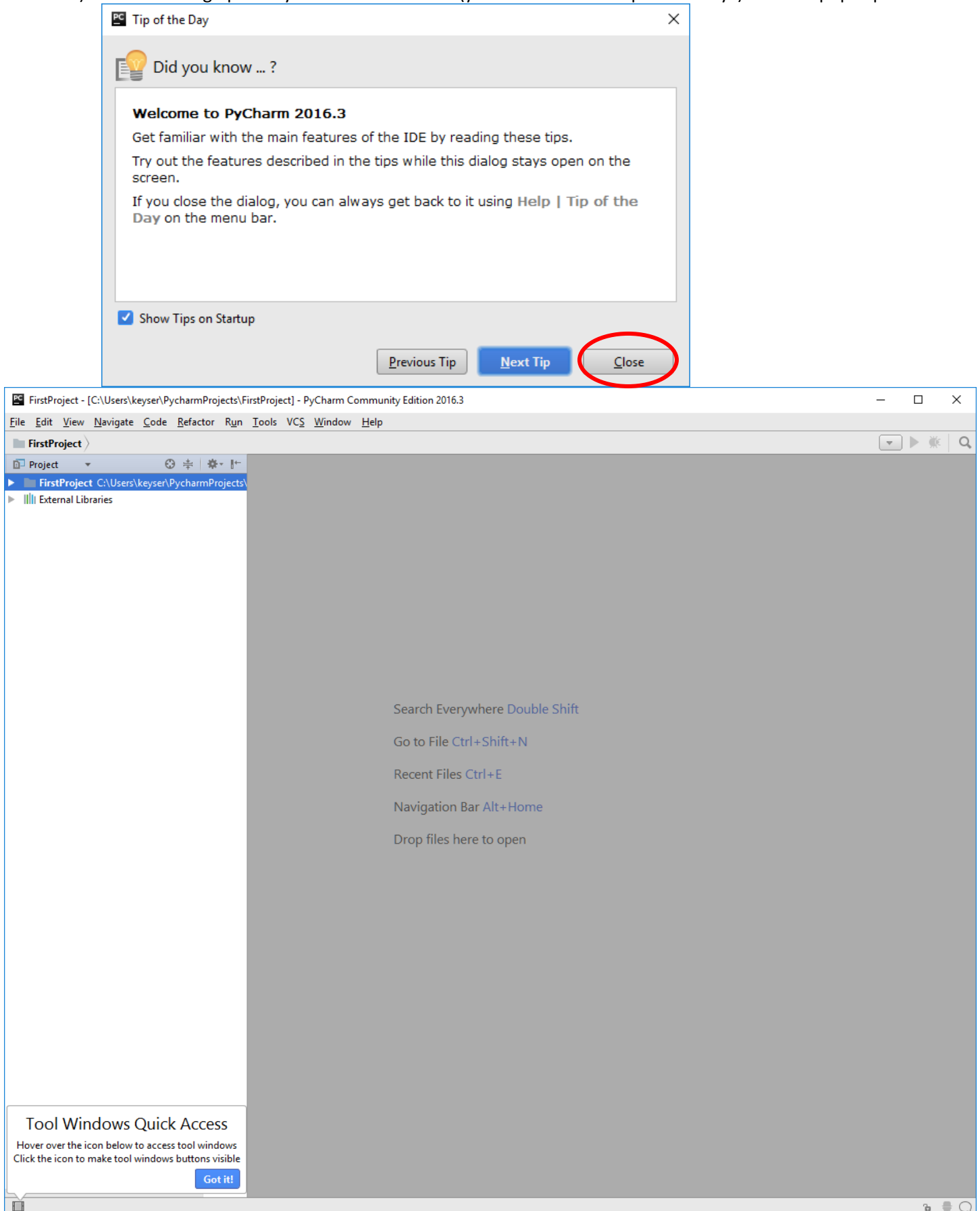
- 4) You will now be at the intro screen for PyCharm. This will also be the intro screen when you start PyCharm in the future without a recently opened project (if you do have a recently opened one you did not close before exiting, it will automatically reopen to that one). Click on “Create New Project”



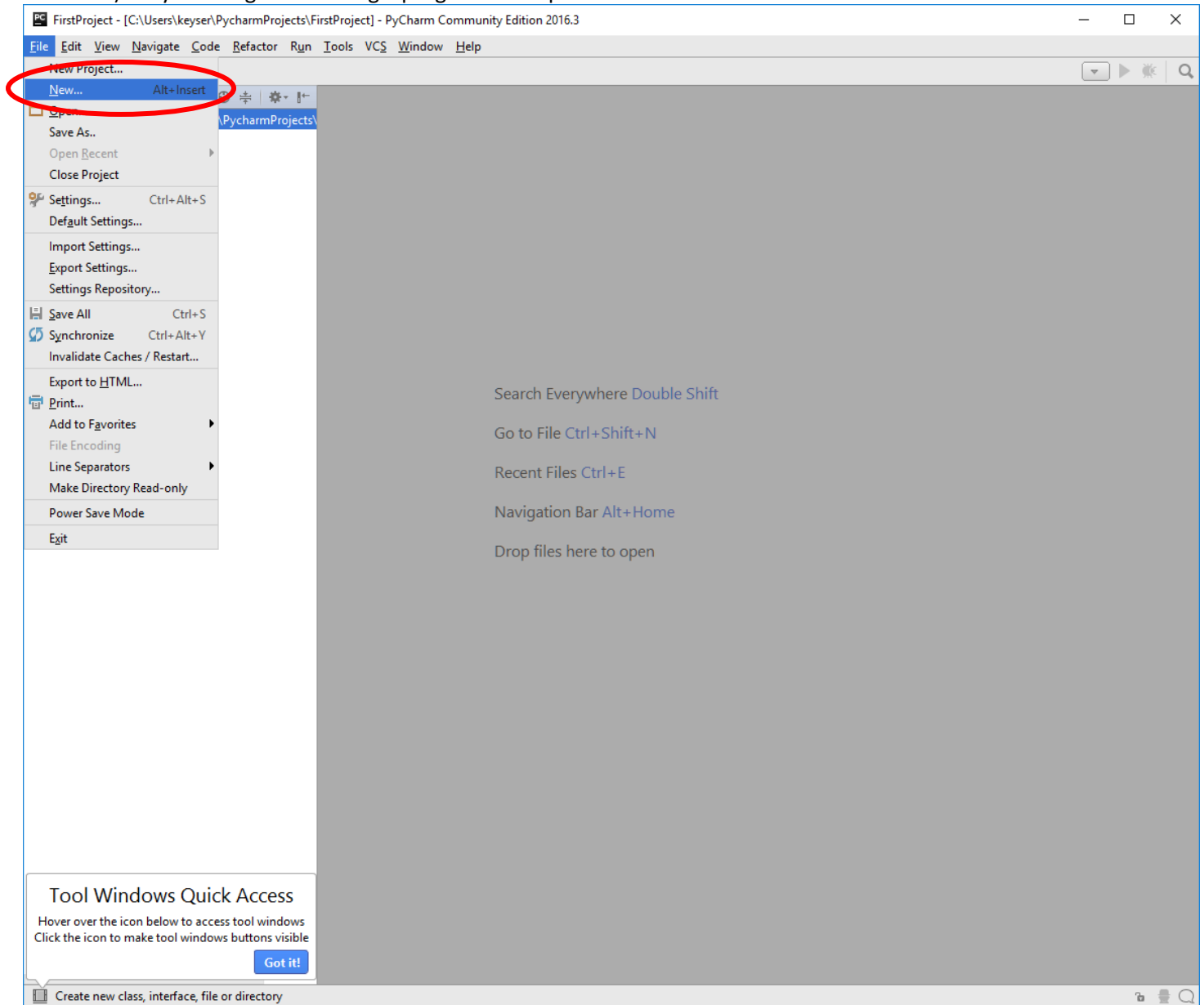
- 5) You will need to select a location.
- When it asks for the location, you can select where you want the project to be created. I suggest at least changing the name from “untitled” to something more meaningful, like “FirstProject”
  - PyCharm should have found the Python interpreter you installed earlier (when you installed Python itself). It will be selected if so. **See TROUBLESHOOTING below for what to do if you do NOT have an Interpreter listed. If you do not have an interpreter listed, you need to resolve this before you can continue.**
  - Click the “Create” Button when you have the project set up



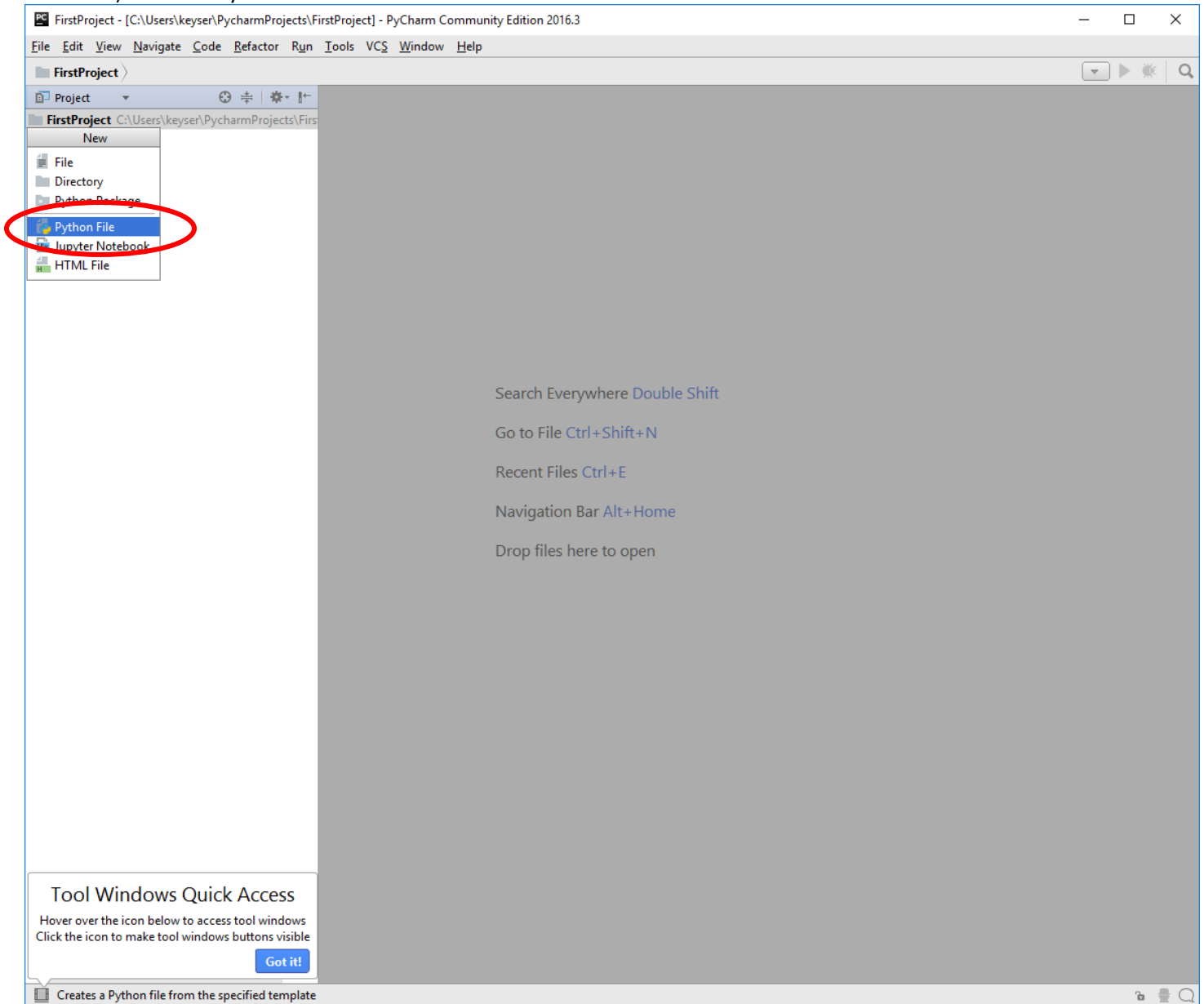
- 6) This will bring up the PyCharm environment (you can close the “Tip of the Day”) box that pops up



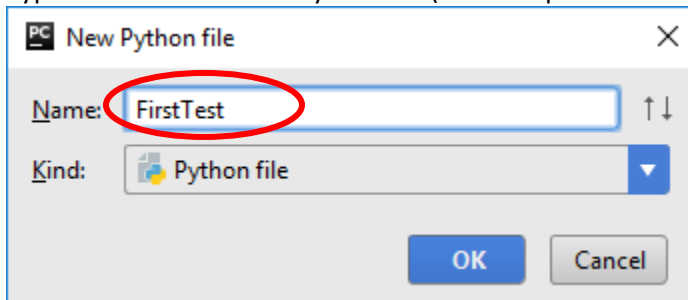
7) Try creating and running a program. Go up to the “File” menu and select “New”



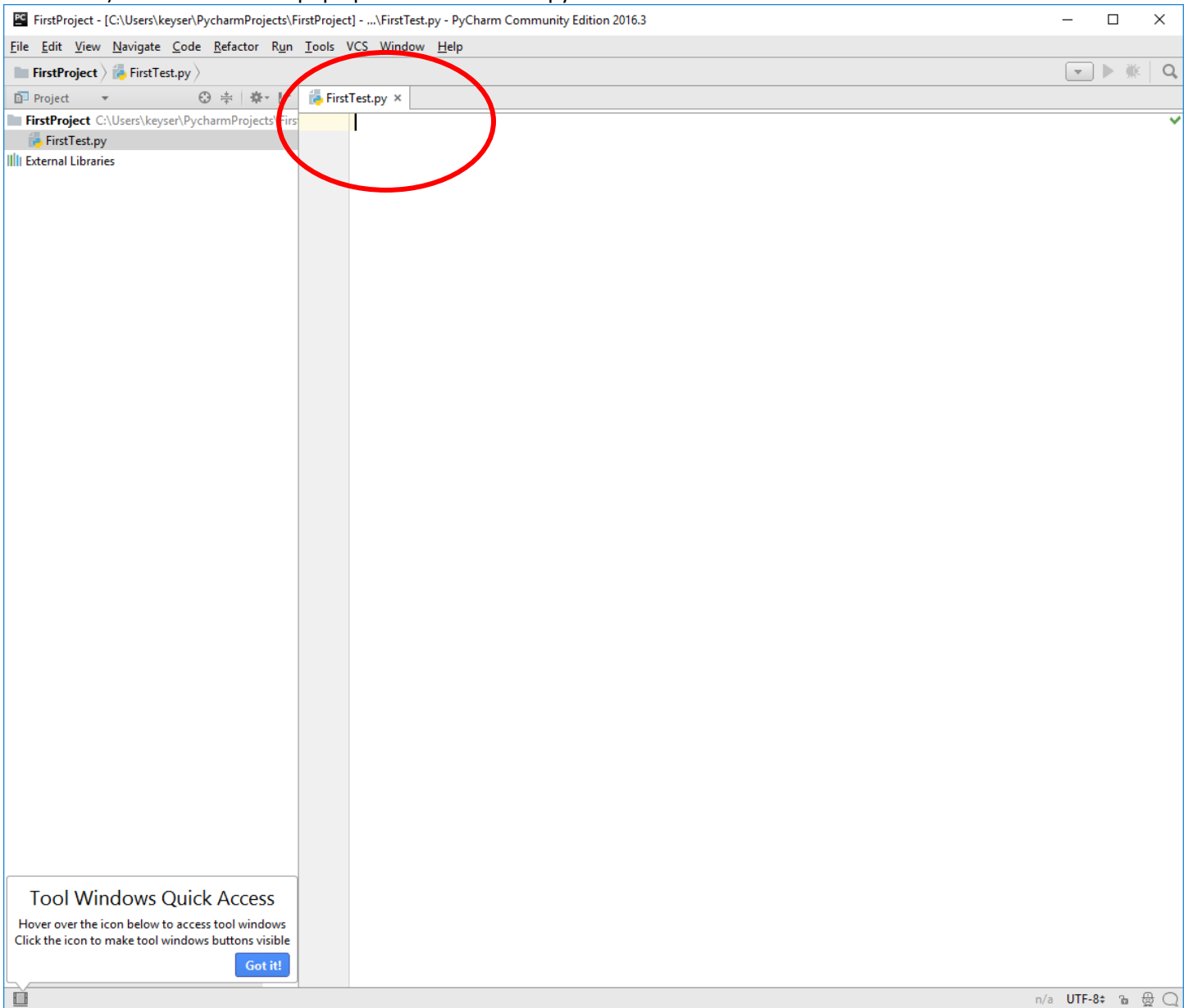
## 8) Select "Python File"



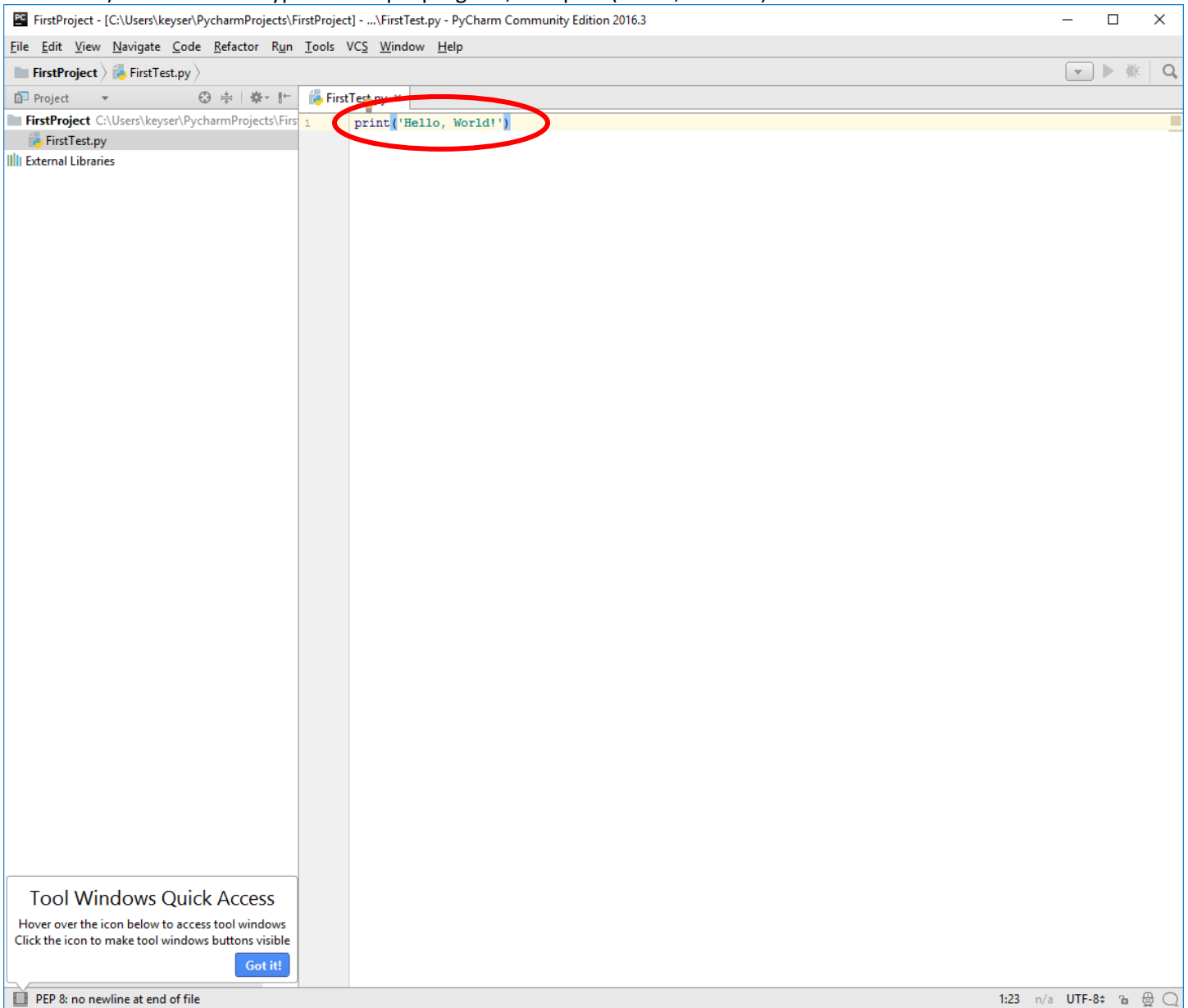
## 9) Type the name of the file you want (for example "FirstTest") and hit "OK"



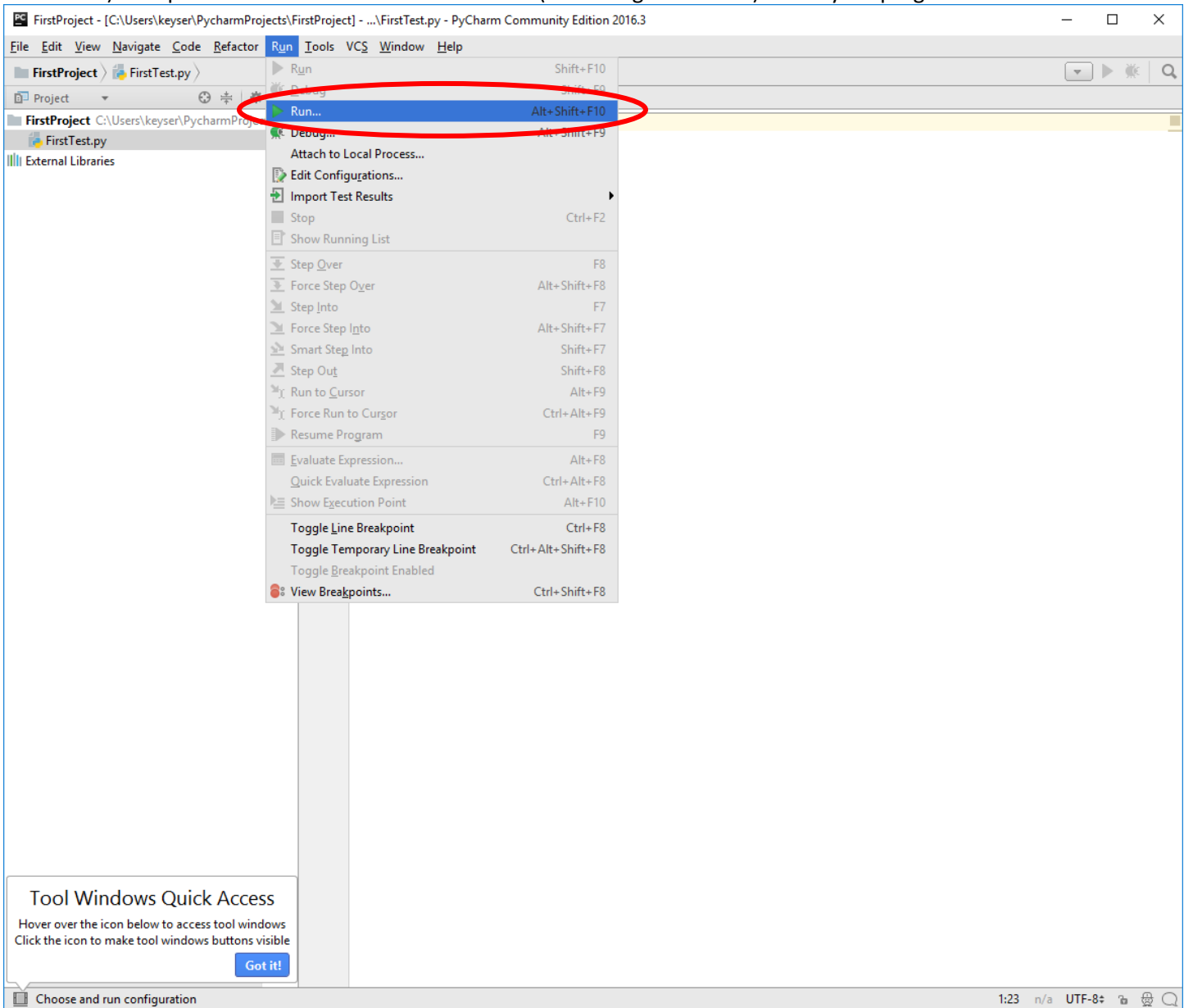
10) A new screen will pop up with the FirstTest.py file visible.



11) Go ahead and type in a simple program, like: `print('Hello, World!')`

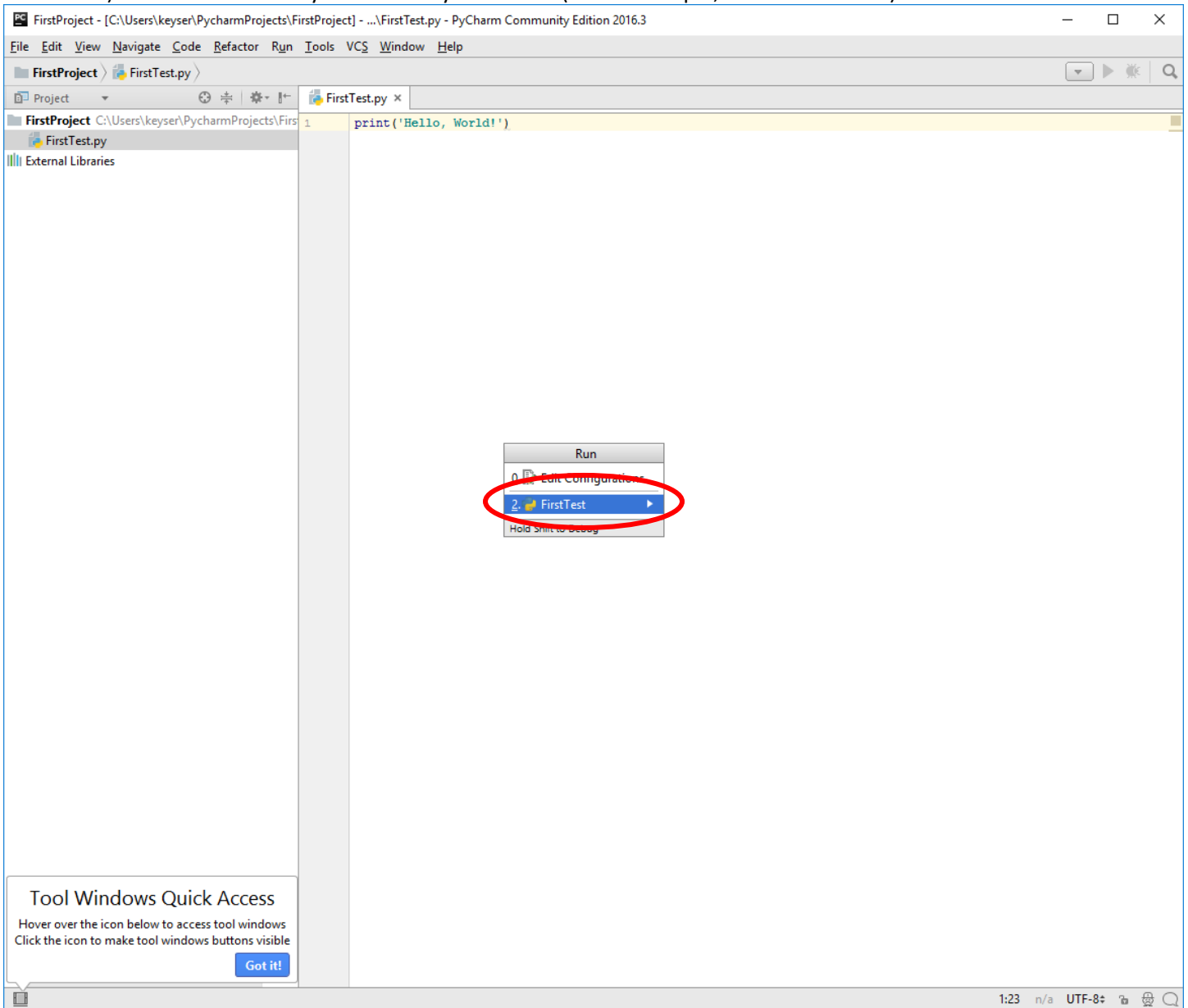


12) Go up to the “Run” menu and select “Run”(with the green arrow) to run your program:

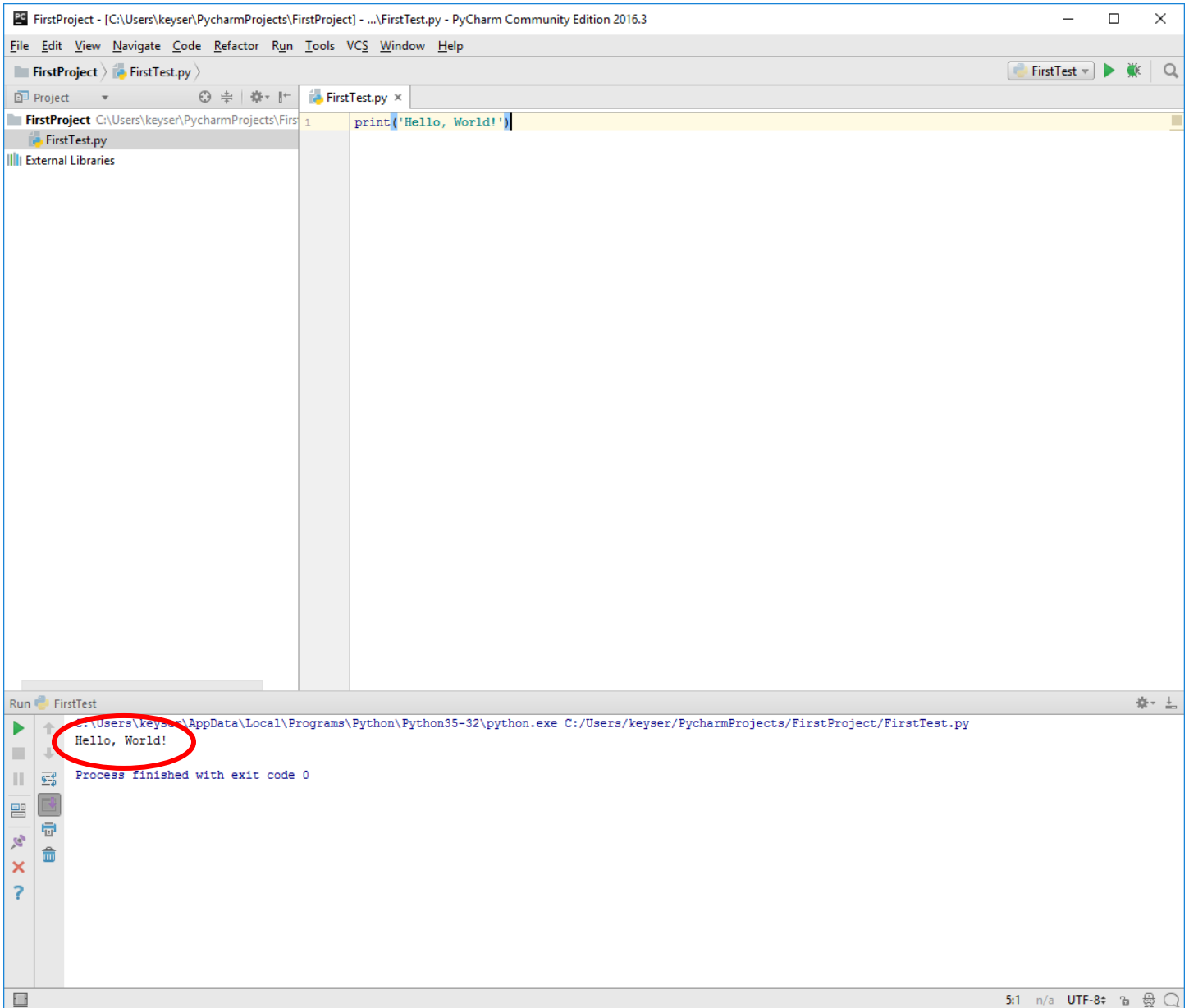




13) Select the name of your file that you will run (in the example, that's "FirstTest"):



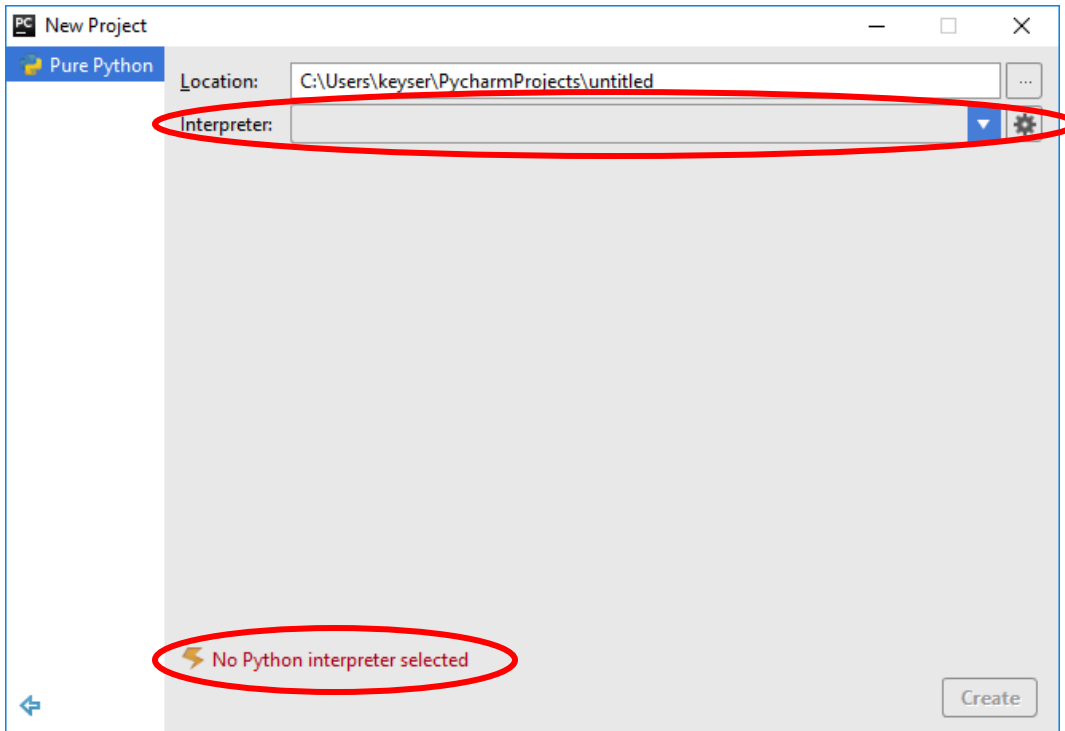
14) You should see the output of your program (in this case, the words Hello, World!, at the bottom of the screen:



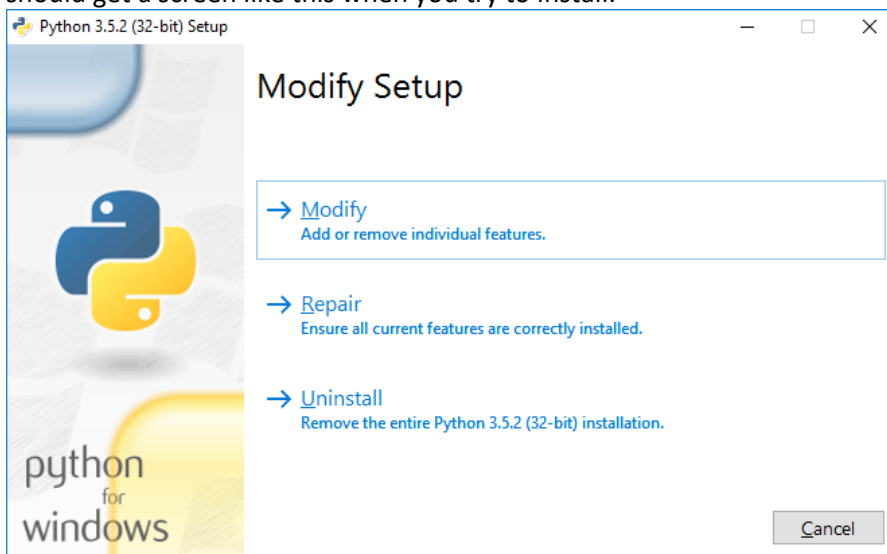
That's all – you are ready to write programs using PyCharm.

## TROUBLESHOOTING:

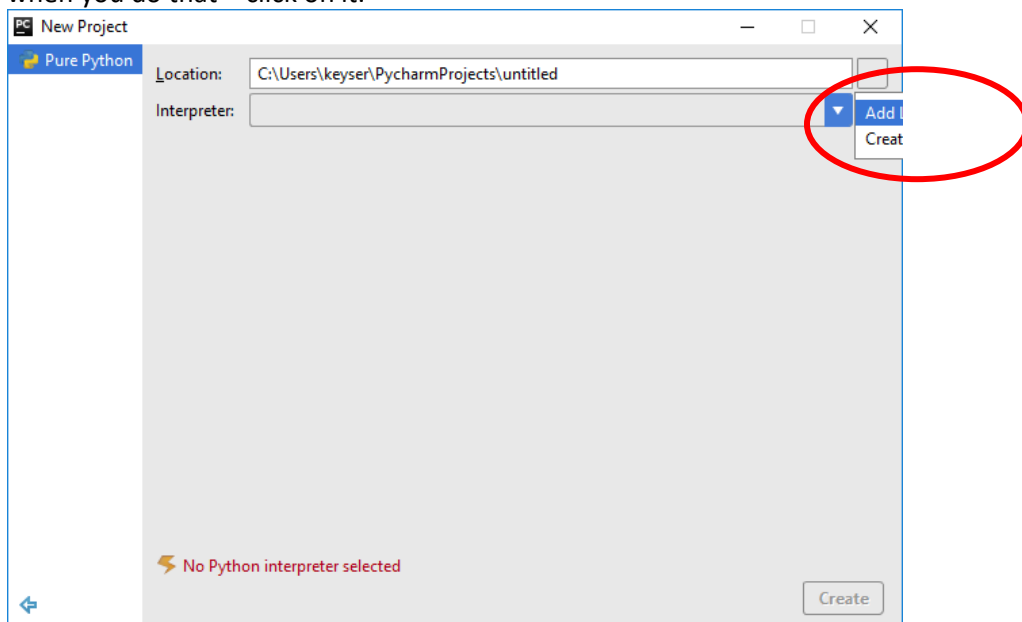
If you do NOT have an interpreter listed, it means that PyCharm did not find a Python interpreter on your computer. You will see a window like this:



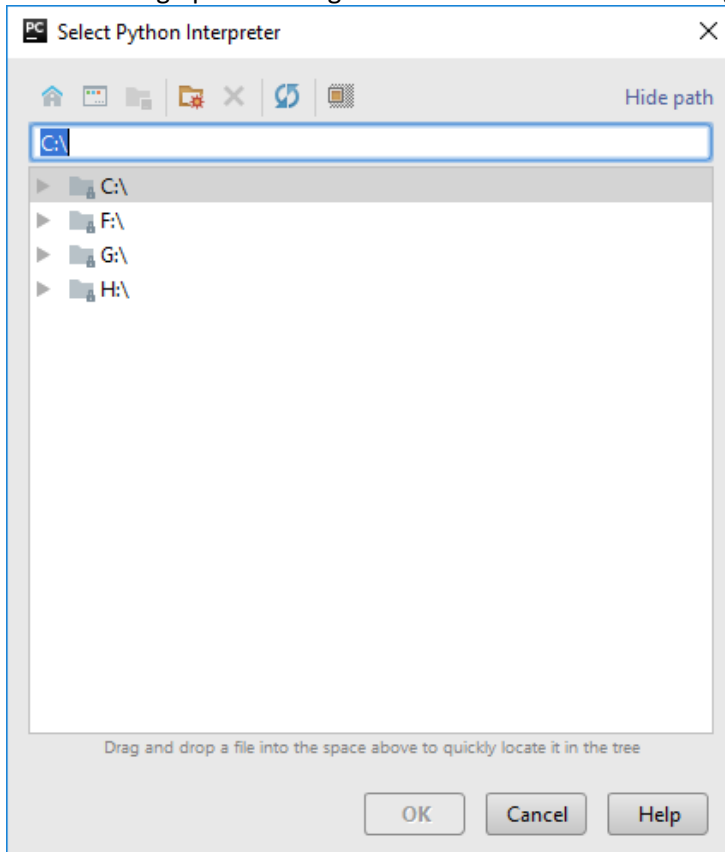
- A) Did you install Python before installing PyCharm? If not, you need to go ahead and install Python! Close the PyCharm window and go back to do that first.
- You should make sure the installation completed and that you can run IDLE
  - This is the most common reason that nothing is found. Once it is installed, go back and start PyCharm again, and it should find your Python interpreter.
- B) If you are even slightly unsure if you installed it, try installing it again. If you have it installed already, you should get a screen like this when you try to install:



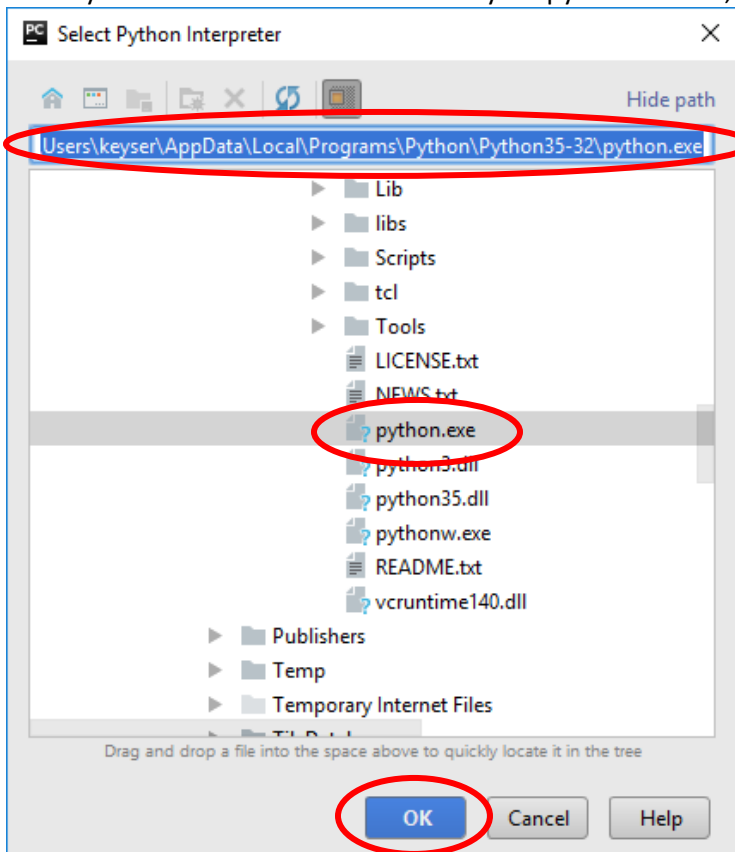
- C) If you are sure you installed Python (and can test it by running IDLE), you will need to find the location where the python interpreter, usually named “python.exe” is installed. There are a few ways to do this:
- Try looking in a standard installation location, (where \*\*\*YOUR USER NAME\*\* is your user name – mine is keyser for instance) like:  
C:\Users\\*\*\*YOUR USER NAME\*\*\*\AppData\Local\Programs\Python\Python35-32\python.exe
  - If you noted the location when you installed Python (or you specified your own location), you should be able to note that, and use that location
  - Do a search on your computer for python.exe:
    - Open up the file explorer by typing “explorer” into the text box at lower left of your Windows system, and select File Explorer (not Internet Explorer)
    - At the far left, click on “This PC” or “Windows (C:)”
    - In the upper right, in the box labeled “Search This PC” or “Search Windows (C:)”, type “python.exe”
    - There should be a file called “python” or “python.exe” found on your computer. That will be the one to use. Find the folder location for that file.
  - If you can’t find it by any of these means, try to install Python again:
    - When you first try to install, you should see the screen in (B), above.
    - Choose “uninstall” and let it uninstall your current Python installation
    - Then try to install, again. This time, choose “Customize Installation” when installing, and select a location you will be able to remember, such as C:\Program Files.
    - If you reinstall Python, try restarting PyCharm to see if it finds the interpreter automatically; if not, you will know the location to tell it to look.
- D) Once you know the location of your python interpreter, you will click on the little settings icon (that looks like a gear wheel) next to your “Interpreter” box. There should be a link saying “Add Local” that pops up when you do that – click on it.



E) This will bring up a file navigation window. You will need to go to the location of your python.exe file.



F) When you have selected the location of your python.exe file, hit "OK"



G) You are now OK to continue as above.