

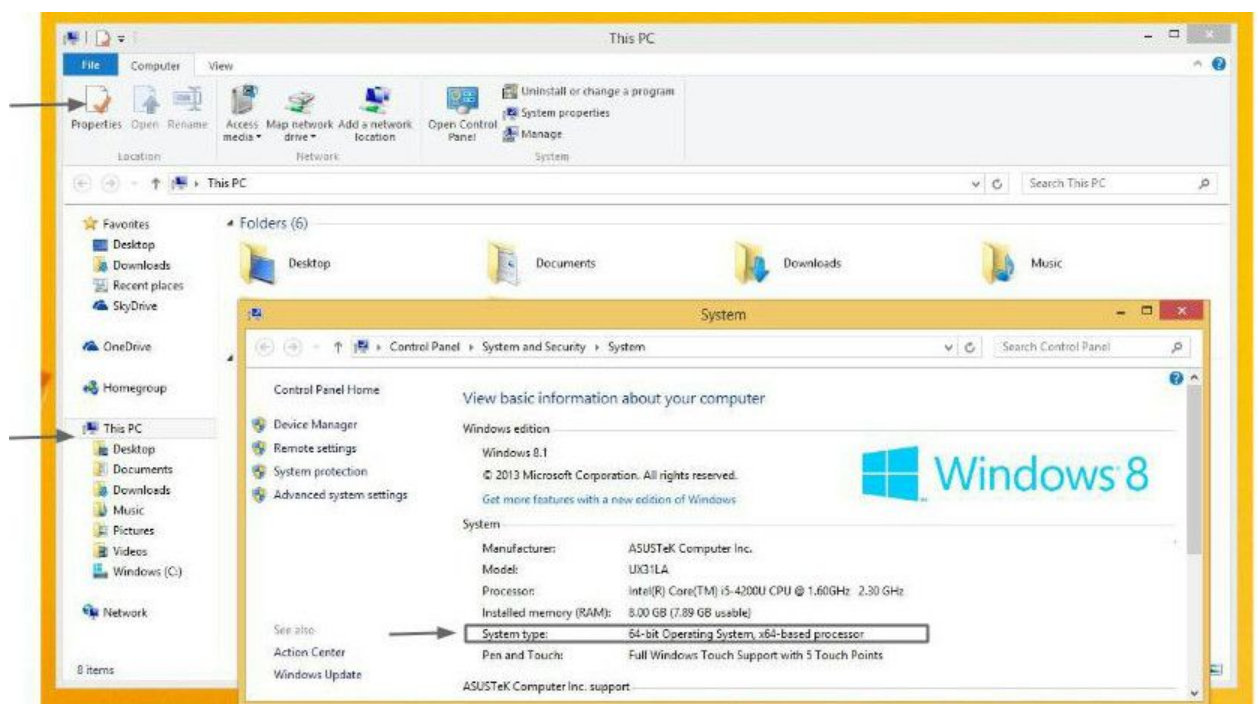
Setting up Python:

You need to install Python on your personal computer. In this course, we'll use Python version 2. We'll also install PyCharm Community Edition, a free lightweight Python Integrated Development Environment (IDE).

PC Installation Instructions:

Step 1: Determine which version of Windows your PC is running:

If you have Windows 8, open File Explorer then select This PC and click on Properties as shown below to determine the system type.



If you have an older version of Windows, click on the link below and follow the directions.

<http://windows.microsoft.com/en-us/windows7/find-out-32-or-64-bit>

Write down your findings: I am running a ____-bit version of Windows.

Step 2: Install Python 2.7:

Open the following link in a new tab:

<https://www.python.org/downloads/release/python-2711/> and **scroll down the page.**

If you have a 32-bit version of Windows, then select the Python Windows x86 MSI installer. Download the installer then double click on it to run it.

If you have a 64-bit version of Windows, then select the Windows x86-64 MSI installer. Download the installer then double click on it to run it.

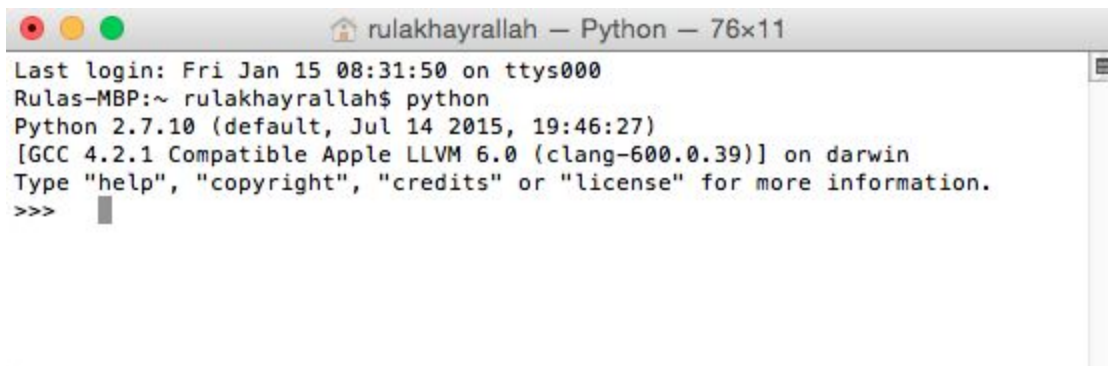
Step 3: Install PyCharm Community Edition:

Open the following link in a new tab: <http://www.jetbrains.com/pycharm/download/>

Click on Download Community to download then run the PyCharm installer.

MAC Installation Instructions:

Mac OS X comes with some version of Python 2 pre-installed by Apple. You can find out which version you have by typing python in a terminal window:

A screenshot of a Mac terminal window. The title bar shows a home icon, the name 'rulakhayrallah', and the window title 'Python - 76x11'. The terminal content shows the last login time as 'Fri Jan 15 08:31:50 on ttys000'. The user 'Rulas-MBP:~ rulakhayrallah' has entered the command 'python'. The output shows 'Python 2.7.10 (default, Jul 14 2015, 19:46:27) [GCC 4.2.1 Compatible Apple LLVM 6.0 (clang-600.0.39)] on darwin'. It then prompts the user to type 'help', 'copyright', 'credits', or 'license' for more information. The prompt '>>>' is followed by a cursor.

```
Last login: Fri Jan 15 08:31:50 on ttys000
Rulas-MBP:~ rulakhayrallah$ python
Python 2.7.10 (default, Jul 14 2015, 19:46:27)
[GCC 4.2.1 Compatible Apple LLVM 6.0 (clang-600.0.39)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>> █
```

If you have version 2.7, skip to step 3. If not, you can download version 2.7 as shown below:

Step 1: Determine your OS X version:

Determine your MAC OS X version by clicking on the link below and following directions.

<http://support.apple.com/kb/ht1633>

Write down your findings: I am running MAC OS version _____.

Step 2: Install Python 2.7:

Open the following link in a new tab:

<https://www.python.org/downloads/release/python-2711/>

If you have Mac OS X version 10.6 and later, then select the Mac OS X 64-bit/32-bit installer. Download the installer then run it and follow the directions.

Otherwise if you have MAC OS version 10.5, then select the Mac OS X 32-bit i386/PPC installer. Download the installer then run it and follow the directions.

Step 3: Install PyCharm Community Edition:

Open the following link in a new tab: <http://www.jetbrains.com/pycharm/download/>

Click on Download under **Community** (for the free version) to download then run the PyCharm installer.