Install Anaconda

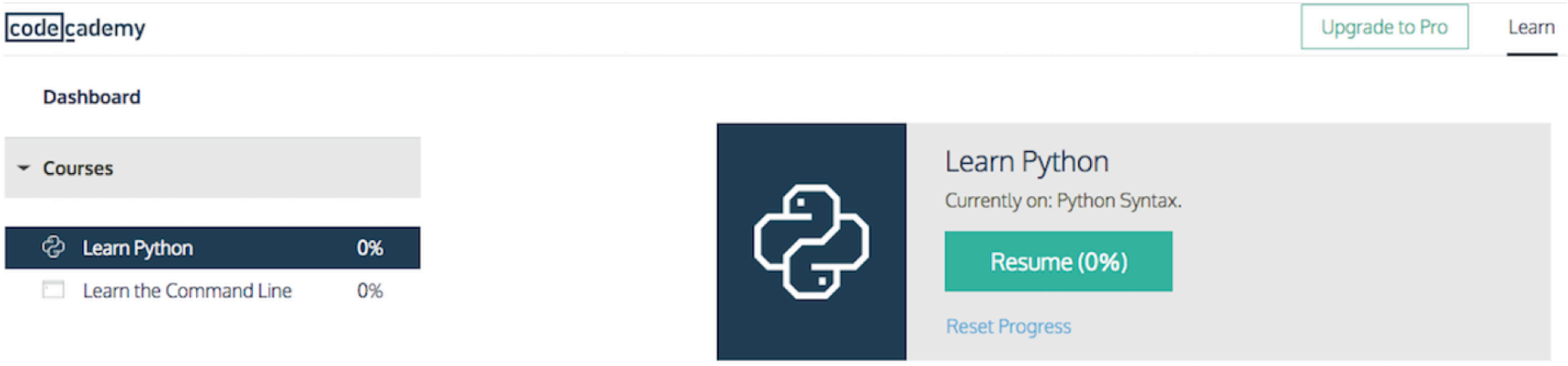
- Install anaconda version **2.7** from:

  https://www.anaconda.com/download/

  It will directly install a lot of useful tools related to python usage to your computer. If your computer refuses to install it, then download python 2.7 here instead:

  https://www.python.org/downloads/release/python-2712/

If you have never programmed



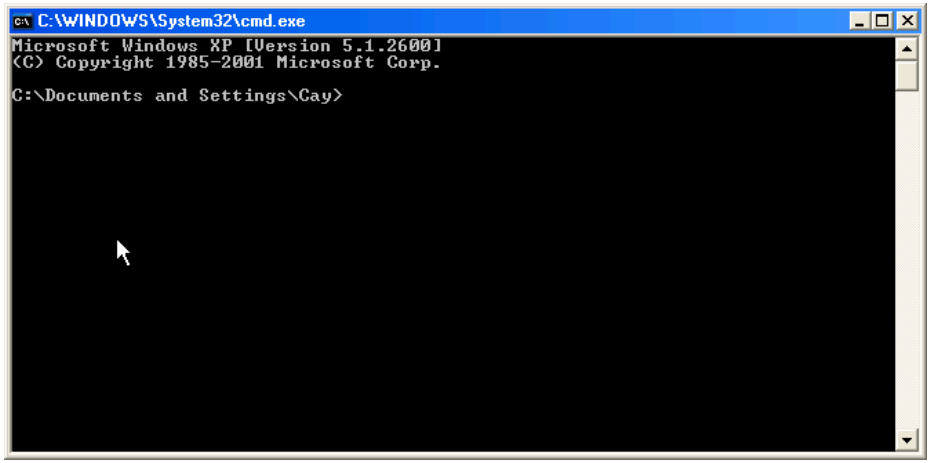
Codecademy.com

These are self-contained tutorials to get you familiar with python!

You need:

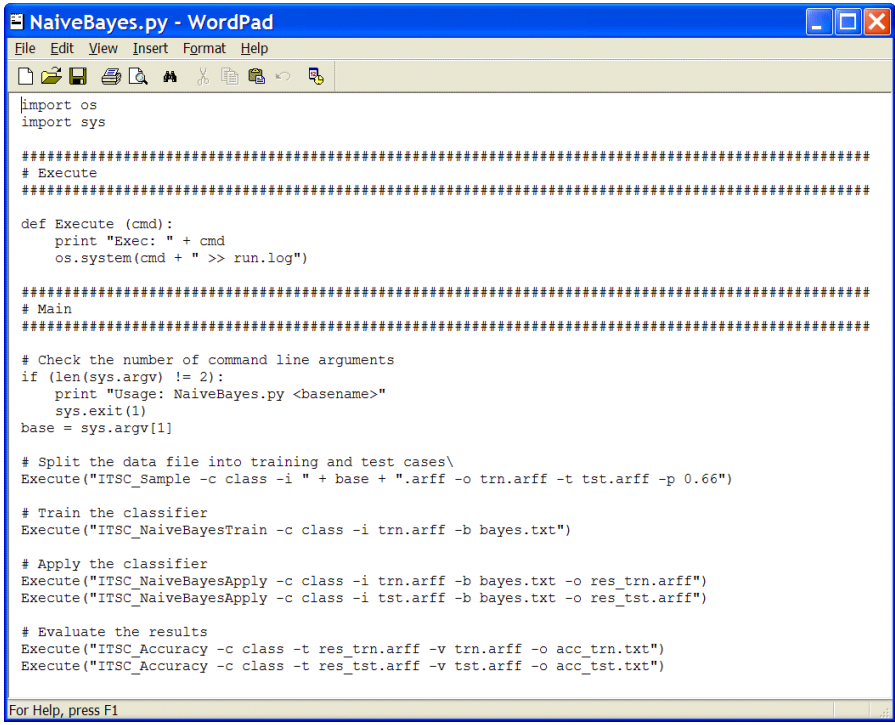
1. Windows Command Prompt

It will read python code if you type:
ipython



* If you opened ipython directly from Anaconda no need of starting ipython from the terminal, it is the same thing.

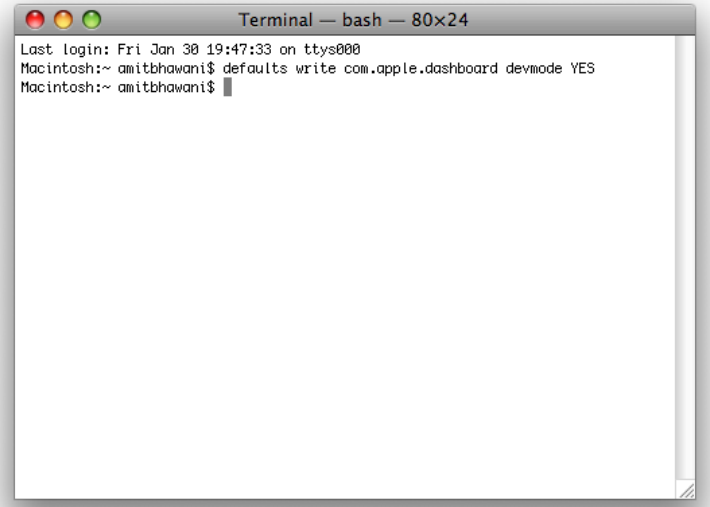
2. A Text editor. You can open scripts there. For example *wordpad*. All the scripts are text files that can be ran bit by bit or at once. Today we want to run them bit by bit.



You need:

1. Terminal (in Applications/Utilities)

It will read python code if you type:
ipython



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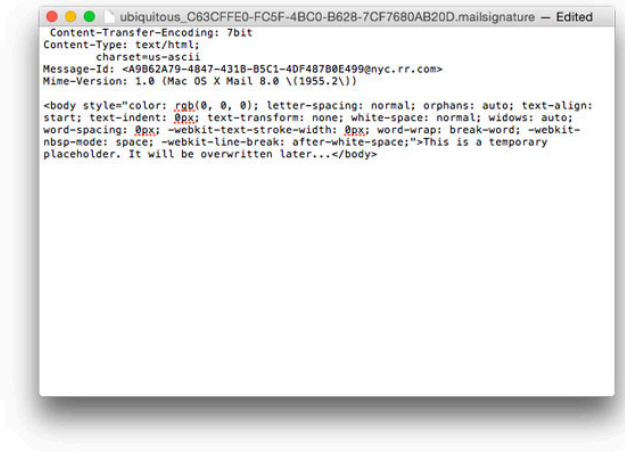
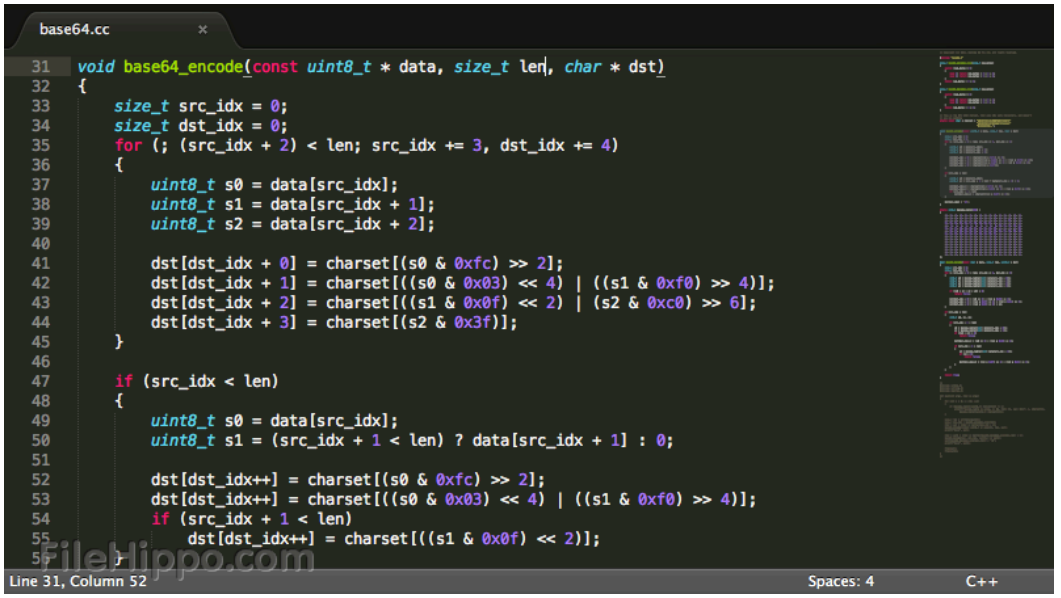
2. A Text editor. You can open scripts there. For example *TextEdit*. All the scripts are text files that can be ran bit by bit or at once. Today we want to run them bit by bit.



Extra tips to get started

Sublime text is a great looking and very helpful text editor for windows, OS X or linux

https://www.sublimetext.com/



http://tinyurl.com/k9ore9o

- GettingStarted.pdf
  - How to open python on your own computer
- AdvancedBasics.py
  - data structures and python basics
- Summary_fasta.py
  - Output a brief summary from an input file
- data_and_plotting.py
  - process data using python and easy plotting
- resources.txt
  - Some links to a few nice resources