Install Anaconda

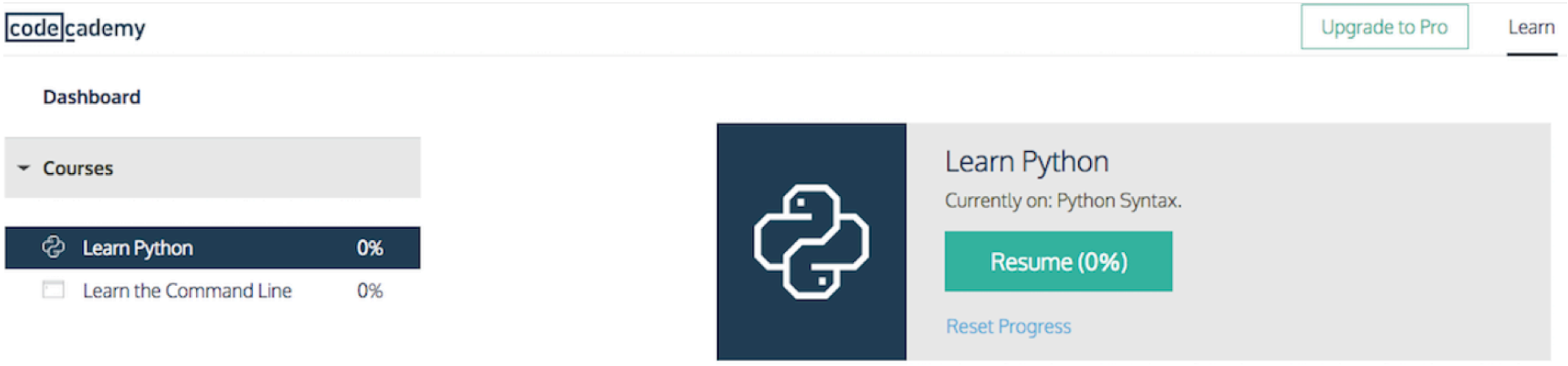
- Install anaconda version **2.7** from:

  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



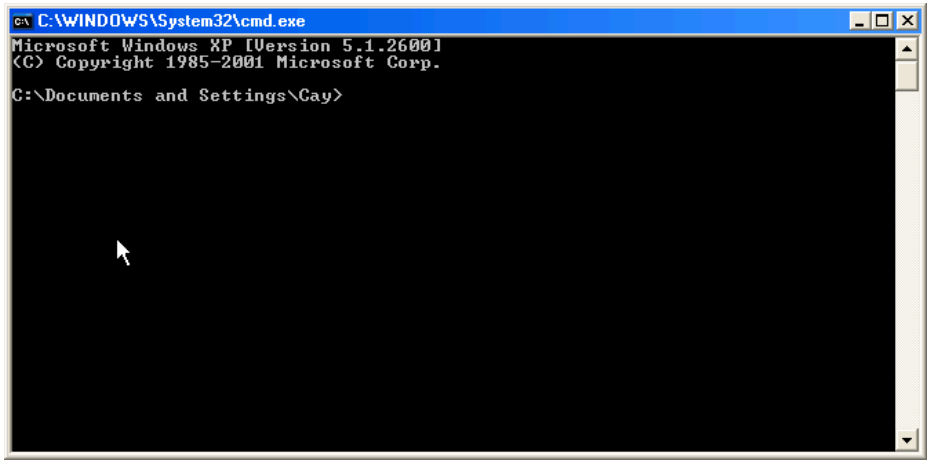
Codecademy.com

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

You need:

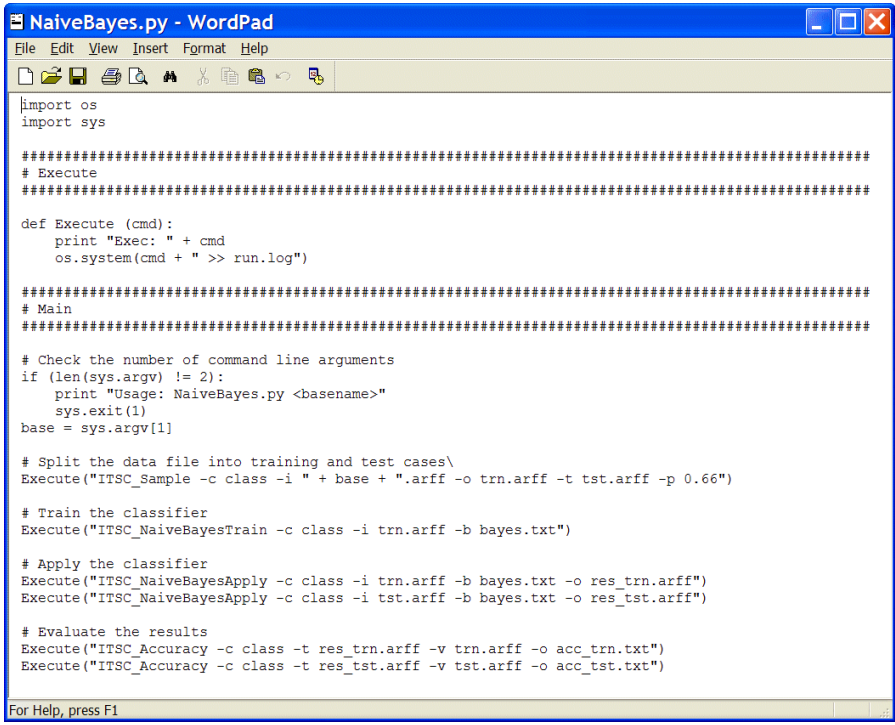
1. Windows Command Prompt

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.

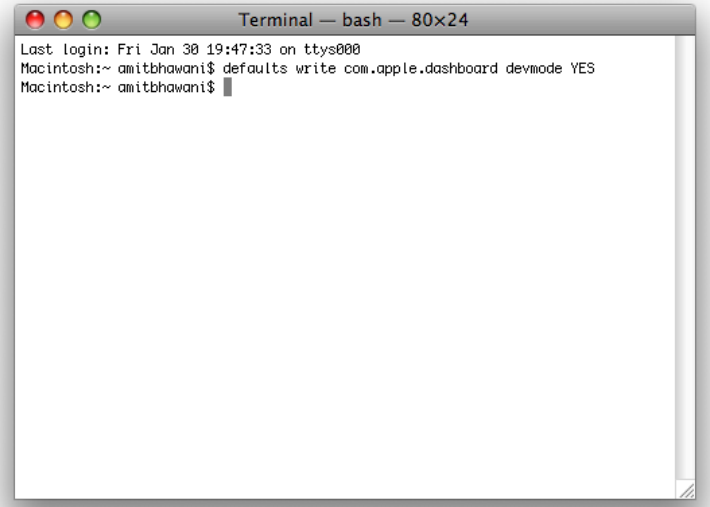
2. A Text editor. You can open scripts there. For example *wordpad*. All the scripts are text files that can be ran bit by bit or at once. Today we want to run them bit by bit.



You need:

1. Terminal (in Applications/Utilities)

It will read python code if you type:
ipython



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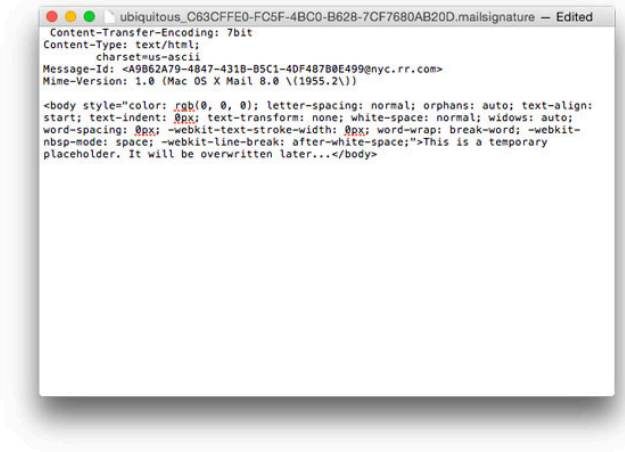

http://tinyurl.com/k9ore9o

- 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