**MacOSX:**

* unix systems have python preinstalled
* download anaconda to get a more complete suite of modules

Go to:

* *https://www.continuum.io/downloads#osx*

1. install the anaconda version of python with all major site packages and module
2. open a python terminal and type import numpy and import pylab to check if all required modules are available

There are several ways to create and edit code. You can create a script in any text editor such as emacs or kWrite (not recommended), using idle (standard python editor that comes with python) or by using the slightly fancier *PyCharm* with nice debugging tools

Download python programming envionement: editor ()

* *PyCharm:* (integrated development environment)

[*https://www.jetbrains.com/pycharm/download/*](https://www.jetbrains.com/pycharm/download/)

to run a script you simply type: python [dir]/[scriptname].py

install obspy:

https://github.com/obspy/obspy/wiki/Installation-via-Anaconda

Install matplotlib-basemap using anaconda package manager:

basemap (https://anaconda.org/anaconda/basemap)

**Windows**:

Go to :

[*https://www.continuum.io/downloads#\_windows*](https://www.continuum.io/downloads#_windows)

1. install the anaconda version of python with all major site packages and module
2. open a python terminal and type import numpy and import pylab to check if all required modules are available

There are several ways to create and edit code. You can create a script in windows notepad (not recommended), using idle (standard python editor that comes with python) or by using the slightly fancier pyscripter

Download python script editor

1. *http://sourceforge.net/projects/pyscripter/*

to use python interactively just type ‘python’ in the command line input of a shell

**Linux:**

* linux comes with python
* add modules using the usual package manages (rpm, dcf, etc…)