Installed packages macbook:

1. Pip (install and manage python packages)  
   install: sudo easy\_install pip  
   check: pip --version  
   path: /usr/local/bin/pip
2. Xcode (IDE)  
   install: xcode-select --install  
   check: xcode\_select –p  
   path: /Library/Developer/CommandLineTools  
   |
3. Homebrew (install and manage OS X packages)  
   install: /usr/bin/ruby -e "$(curl –fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"  
   check: brew doctor  
   path: /usr/local/bin/brew
4. Python3 (python2 standard installed on macbook)  
   install: brew install python3  
   check: python3 --version
5. Python virtual environment (e.g. testjd within /Users/jdalemans/python):  
   cd /Users/jdalemans/python  
   python3.6 -m venv testjd  
   source testjd/bin/activate (you are now working in your project python virtual environment)

Now you can use python (instead of python3)  
vi hello.py`  
print (“Hello, world!”)  
python hello.py  
deactivate

1. Python IDLE  
   Use book “Headfirst Python”  
   mkdir /Users/jdalemans/python/headfirstpython  
   cd /Users/jdalemans/python/headfirstpython  
   idle3.6

Now a python IDLE window is opened  
File->New File  
This will open the Python editor  
Write a program in the editor  
Save the file in /Users/jdalemans/python/headfirstpython  
Run F5 to run the program

Ctrl-P to repeat previous command