The Python 101 for Networking is based upon:

* Python3
* Pip3
* Netmiko
* Git
* Github

The demo’s can be performed on Ubuntu running on WSL2, Ubuntu Desktop and MacOS. Each environment has its own idiosyncrasies, but in short:

WSL2

* One **might** have to uninstall (remove) the python2.x that comes with the WSL Ubuntu image.
  + Once done, perform a “sudo apt install python” and python3 will be installed
  + Perform a “sudo apt install python3-pip”
  + The nano editor that comes with WSL Ubuntu is an old version that will work.

Ubuntu Desktop

* Install using apt
  + Python
  + Pip3
  + Nano

MacOS

* MacOS requires install Homebrew first ( <https://www.digitalocean.com/community/tutorials/how-to-install-and-use-homebrew-on-macos> )
  + Use homebrew to install the same packages

In addition to Nano we use VS Code as the visual source code editor as it provides for multi-widowing. VS Code may be downloaded from <https://code.visualstudio.com/Download>.