Chaffey Cyber Security Club

To Do List

## 12:35 – 12:45: Kahoot!

## Learn basic python

**OBJECTIVE AND PURPOSE:** To introduce members to python and learn to run a program from the command line.

**\*If you already know python, help someone else or look up a tutorial for a script**

* Visit [www.learnpython.org](http://www.learnpython.org)
* Learn to take input, print, and basic math operations.
* Write a python program that takes two numbers as input, and outputs the sum, product, quotient and modulo. You can do this using a text editor and saving is as a .py file, or use an IDE. *Eg.* test.py
* Using the command line, find your .py file and execute it using the **python** command.

Ex. \*execute test.py

**python** test.py

[program starts running]

* **Congrats, you just wrote a program in python and executed it on the command line!**

## Begin building the cyber range (Continued)

**OBJECTIVE AND PURPOSE: To begin the cyber range that will be used at cal poly Pomona next year. Club members will learn to set up a hypervisor (Virtual Box), startup virtual machines onto the hypervisor (Debian, Ubuntu, Kali, etc.), and learn to how to Ping two machines**

* Download a hypervisor if not already installed (Virtual Box)
* Start Up virtual machines (Debian, Ubuntu, Kali, etc.)

\*this is going to take a bit of time. Please talk to Phil, John, Nick , David or Julio for help.

Virtual Box: <https://www.virtualbox.org/>

Debian: <https://www.debian.org>

Smoothwall: <http://www.smoothwall.org>

Network Security Toolkit with SNORT: <https://www.networksecuritytoolkit.org/nst/index.html>

OWASP BWA: <https://www.owasp.org/index.php/OWASP_Broken_Web_Applications_Project>

Kali: <https://www.kali.org/downloads/>

Ubuntu: <https://ubuntu.com>