LINUX INSTALLATIONS

*Apache2
>   sudo apt install apache2-bin
>   sudo apt install apache2
>   sudo /etc/init.d/apache2 stop
>   sudo /etc/init.d/apache2 start
>   sudo apt-get install php libapache2-mod-php php-mcrypt php-mysql
>   https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-on-ubuntu-16-04

*Apache2 uninstallation
>   sudo apt-get purge apache2
>   sudo apt-get purge libapache2-mod-php5 php5

*MySQL server
>   sudo apt-get update
>   sudo apt-get install mysql-server
>   sudo mysql_secure_installation

*youtube-dl using pip
>   sudo apt-get remove -y youtube-dl
>   sudo wget https://yt-dl.org/latest/youtube-dl -O /usr/local/bin/youtube-dl
>   sudo chmod a+x /usr/local/bin/youtube-dl

*Octave 4.0
>   sudo add-apt-repository ppa:octave/stable
>   sudo apt-get update
>   sudo apt-get install octave

*utorrents
>   https://askubuntu.com/questions/104094/how-to-install-utorrent-step-by-step
*filezilla
>   sudo apt-get install filezilla
*atom
>   sudo add-apt-repository ppa:webupd8team/atom
>   sudo apt-get update
>   sudo apt-get install atom

*swap partition
>   sudo blkid: lists all the paritions with their UUID's
*uget
>   sudo add-apt-repository ppa:plushuang-tw/uget-stable
>   sudo apt update
>   sudo apt install uget

*minimise taskbar
>   gsettings set org.compiz.unityshell:/org/compiz/profiles/unity/plugins/unityshell/launcher-minimize-window true

*unetboot
        sudo add-apt-repository ppa:gezakovacs/ppa
        sudo apt-get update
        sudo apt-get install unetbootin

*vlc
        sudo apt update
        sudo apt install vlc
*pip3 installation – for python3
        sudo apt install python3-pip
        sudo apt-get install -y python3-pip(optional)

*scikit learn installation via pip
        pip install -U scikit-learn

*scipy installation
        sudo pip install scipy

*chrome installation from .deb file
        sudo dpkg -i google-chrome-stable_current_amd64.deb

WiFi Hotspot Setup

1.Go to Network Icon on top panel -> Edit Connections

2.Click the Add button in the pop-up window.

3.Choose Wi-Fi from the drop-down menu when you're asked to choose a connection type.

4.In next window, do: Type in a connection name. The name will be used later. Type in a SSID Select mode: Infrastructure Device MAC address: select your wireless card from drop-down menu.

5.Go to Wi-Fi Security tab, select security type WPA & WPA2 Personal and set a password.

6.Go to IPv4 Settings tab, from Method drop-down box select Shared to other computers.

When done, click the save button.

After above steps, a configuration file created under /etc/NetworkManager/system-connections directory. File name is same to the connection name you typed in step 4.

Now press Ctrl+Alt+T on keyboard to open terminal. When it opens, paste the commands below and hit enter to edit the configuration file:

gksu gedit /etc/NetworkManager/system-connections/wifi-hotspot

Replace wifi-hotspt with the connection name you typed in step 4.

When the file opens, find out the line mode=infrastructure and change it to mode=ap. Finally save the file.

When everything's done, enable WIFI from Network Manager icon on the panel. It should automatically connect to the hotspot you created. If not, select "Connect to Hidden Wi-Fi Network …" and select it from the drop-down box.

Now you can search and connect the access point from your Android mobile…