**JOHN MAINA MACHARIA**

**CYTONN TECHNOLOGIES**

**INTRODUCTION TO MAC OS**

Mac Os is an Unix-based graphical operating systems developed and managed by Apple Inc. and is designed to run in Apple’s Macintosh computers (‘Macs’). A neew release of Mac OS called macOS 10.12 Sierra’s has main features of optimized storage, improvement to included Applications and greater integration of Apples devices like watch and Iphones.

From today lesson the following lessons have been learnt about Mac OS in general and they include the following:

1. Navigating around a Mac System.

Navigating the Mac system is made possible and effective by simply ditching mouse and using some of the most common keyboard shortcuts. You can hold three fingers on the mouse to scroll up or down, also use two fingers and swipe to show desktop. Double-clicking the mouse while placing it in a folder opens the subfolders or files.

The following keyboard shortcut help in navigating the system:

* Command O -to open an existing file
* Command p –to print from the application
* Command V –paste the result
* Command Q –completely quit an application
* Command n –open new window
* Command S –save file as
* Command +, -to open the application preferences

1. Using the Terminal

A terminal is a command line interface for mac OS. It’s just used like the command prompt of windows where you type the command and press return to execute the command. A terminal has three features: a command which calls a specific tool, an option which modifies the output and an argument which calls the resource on which command operates. Some commands used in mac system are as follows: diskutil list to list the disk utilities and properties, ls to display the current directory or files, rm to delete a file, cd to navigate to a folder, and much more.

1. Installing and removing Application from the Mac System

Installing application in mac system involves the following different process. You can install your app to a mac system using mac store where you can download and install the application. The application will be downloaded and shown on the application folder.

The other process is by double-clicking the DMG file (file format of mac system) to open it and you will find the finder window. Normally this includes the application itself, some form of arrows and a shortcut to the application folder. What you require is just to drag and drop the icon of your application to your application folder and you are done.

The other process is using PKG installers. In this form you just double-click the application and it will install the application.

Another area we should look at is uninstalling those applications. Uninstalling an application from the system just delete the app from the application folder.

1. Basic utilities of Mac OS like Homebrew

Homebrew is currently popular used package manager for Mac OS. It’s used for installing mac applications like Google chrome, vlc and others. It is the easiest way of installing the mac terminal utilities and graphical apps. However you have to install homebrew first since it’s not preinstalled in the machine. You can install homebrew using the terminal by running commands.

Mac OS has become the most popular used Operating System in the world due to its functionality. Apple has continued to release latest version of Mac to keep it update in the market for better functionality to the user.