Key Differences between Linux and Windows Operating System

1. Linux is free and open source operating system whereas Windows is a commercial operating system whose source code is inaccessible.

2. Windows is not customizable as against Linux is customizable and a user can modify the code and can change its the look and feel.

3. Linux provides high security than windows because Linux is open source.

4. Windows must boot from the primary partition. In contrast, there is no such constraint in Linux it can be booted from either primary or logical partition.

5. The separation of the directories is done using a backslash in windows. On the contrary, in Linux, these are separated by using forward slash.

6. In Linux, file names are case sensitive while windows file name are case-insensitive.

7. Linux uses the monolithic kernel which consumes more running space whereas Windows uses the micro kernel which takes less space but system running efficiency is lower than Linux.

Mac Operating System

MacOS is a series of proprietary graphical operating systems developed and marketed by Apple Inc. since 2001. It is the primary operating system for Apple's Mac computers. Within the market of desktop, laptop and home computers, and by web usage, it is the second most widely used desktop OS, after Microsoft Windows. A popular feature of its latest version, Mac OS X is a desktop interface with some 3-D appearance characteristics. Mac OS X has a modular design intended to make it easier to add new features to the operating system in the future. It runs UNIX applications as well as older Mac applications.

Exercise:

1. Compare LINUX and Windows operating system.
2. What do you mean by Mac Operating System?