**Most popular operating systems**

An operating system is a collection of programs in the system which controls the operations and coordinates with the computer system. The language used by the computer is not understandable by a layman. The operating system helps the user to communicate with the system in its style and carry out the operations.

It is an essential part of the software. In other words, we can say that the operating system in mind and emotions of the computer. It helps in the collaboration and working of the computer smoothly. It works as a link between the user and the computer.

An operating system can be divided into two parts, which are the smaller and more substantial parts. The smaller part of the operating system is known as 'resident part' as the memory of the computer resides here. The larger part of the computer is the secondary storage part, which stores data, and it swaps as per the need of the user.

Operating systems helps the computer to work in an efficient, faster, and economical way while it stores loads of data and also manages the storage of files and data. With the advancement in technology, many new operating systems are made which provide different functionalities; few of which are discussed below.

**Top 3 operating systems around the world**

* Android- It is an operating system primarily made for touchscreen devices like smartphones and tablets, which was developed by Google. The latest version, Android 10, was released recently in September 2019, promising faster and more efficient performance.
* Windows- It was developed by the Microsoft Corporation, which featured the first graphical user interface (GUI). The latest version of windows is Microsoft Windows 10, which recently unveiled better performance and innovations.
* iOS- It is an operating system for mobiles which was developed and created by the Apple inc. Exclusively for its hardware. This operating system powers not only in mobile phones but also in iPods, iPhones, and other touchscreen devices.

**Reasons for being top operating systems**

Android- It gives the user tools for creating hardware applications, new apps, and take advantage of various benefits on each device. It is a single model of the claim that lets the user use apps across a broad range of devices.

Windows- It claims to be the most user-friendly operating system and also allows running this operating system on Mac using tools like boot camps and parallels. Its performance, security, etc. make it the leading operating system.

iOS- It brings a better experience for the user as it operates in a closed ecosystem. It provides better security to the phone. The applications on iOS get apps faster and also get updated before other operating system keeping you updated.

**Conclusion**

Operating systems are the most crucial part of any device. It makes the device faster, efficient, and secured. It is the part of the software on which the computer runs primarily. Choosing the right type of operating system depends upon the needs of the user, and one wants the operating system which fits right for the user.