

QUESTION

1. Different Between Linux ,Windows And Dos
2. Which One Will You Prefer To Use And Why?

1.DOS:

DOS, or Disk Operating System, is an operating system that was widely used in IBM PCs up until 1995. As an operating system, it is capable of handling only one task at a time. Its foundation is a command-line interface, where users input commands into the command form to instruct the machine. It operates on hard drives, floppy disks, or any other type of storage device, thereby offering a platform for the running of programs. It uses less memory. Memory extenders, which were used with prior versions of Windows, were used to use more memory than 64kb. Initially, OEMs (Original Equipment Manufacturers) were the only ones who could download it because it added support for their hardware. The public was ultimately allowed to access it.

Windows:

Windows is a product of Microsoft. It is an operating system with various versions, Windows 11 being the latest version. It is a Graphics-Based user interface. Users give commands through clicking or choosing icons and images with the help of a mouse, keyboard, or touchscreen to the computer. Windows was originally a DOS extender running on top of DOS. The Windows 9x family consisting of Windows 95, Windows 98, Windows 98SE, and Windows ME ran on top of MS-DOS and is capable of running DOS programs directly. Windows NT was released separately and is portable, and initially, it was written in C and C++ languages where processor reliability code is separated into DAL and HLL and was designed to be more secure than DOS and the Windows 9x family. The Windows NT family includes Windows NT 3.x,4.x, Windows 2000, Windows XP, Windows Vista, Windows 7, windows 10 and so on. Windows is more reliable than DOS and handles errors with ease due to various tools available for debugging and error handling.

Linux:

Linux is an operating system that evolved from a kernel created by Linus Torvalds when he was a student at the University of Helsinki. It's meant to be used as an alternative to other operating systems, Windows, Mac OS, MS-DOS, Solaris and others ,Linux is a popular operating system that is preferred for its reliability and security, performing better than its competitors in terms of protection against viruses and malware. It is also resistant to slowed-down performance, crashing, and expensive repairs and users need not pay licensing fees as often as they do for other commercial operating systems. Linux features a zero cost of entry and can be legally installed on any computer without any associated cost whatsoever.

2. My preference would be for Linux over Windows or DOS if I had to choose. Many users find Linux to be an appealing option due to its many benefits, such as : Cost-Effectiveness, Customization, Security and Stability, Reliability, User Support, Flexibility, Performance

Cost-Effectiveness: Compared to Windows, which could require a license, Linux is usually less expensive to download and use.

Customization: Open-source development on Linux provides users with the freedom to alter and customize the system to suit their requirements.

Security and Stability: Windows is frequently surpassed by Linux in these areas due to its strong security features and stability.

Reliability: Linux is far more stable than Windows and DOS, demonstrating its capacity to operate for prolonged periods of time without the need for reboots.

User Support: A robust community of developers and users supports Linux and contributes to its continuous growth, making help easily accessible.

Flexibility: Linux exhibits remarkable adaptability and versatility by operating on a vast range of hardware, spanning from smartphones to supercomputers.

Performance: Linux is a popular choice among many users due to its excellent performance, particularly when operating servers or other devices that are designed for speed.

Overall, people looking for a dependable, secure, and versatile operating system choose Linux because of its cost-effectiveness, customization choices, security, stability, reliability, user support, versatility, and performance.

.ASSIGNMENT 2

mkdir try

cd try

mkdir do

mkdir me

cd me

mkdir Doc

mkdir Ems