

Basics Of Computer Education:

Assignment 3

1. What is an Operating System and what are the types of operating system?

Ans. An **Operating System (OS)** is a software that acts as an interface between computer hardware components and the user. Every computer system must have at least one operating system to run other programs. Applications like Browsers, MS Office, Notepad Games, etc., need some environment to run and perform its tasks. The OS helps you to communicate with the computer without knowing how to speak the computer's language. It is not possible for the user to use any computer or mobile device without having an operating system.

2. What is the Operating system that you use on your computer?

Ans. Most people use the operating system that comes with their computer, but it's possible to upgrade or even change operating systems. The three most common operating systems for personal computers are **Microsoft Windows, macOS, and Linux**. Modern operating systems use a graphical user interface, or GUI

3. What is the difference between a single user operating system and a multi user operating system?

Ans. A Single-User Operating System is a system in which only one user can access the computer system at a time. A Multi-User Operating System is a system that allows more than one user to access a computer system at one time.

4. What is a multi user operating system? Give examples

Ans. Some examples of a multi-user OS are **Unix, Ubuntu, MacOS, Windows and all Linux based OS**. Figure 1 - Multi-user OS Handling Three Different Computers on the Network. Multi-user operating systems were originally used for time-sharing and batch processing on mainframe computers

5. What is a Mobile Operating system? Give examples.

Ans. A mobile operating system (mobile OS) is **an OS built exclusively for a mobile device, such as a smartphone, personal digital assistant (PDA), tablet or other embedded mobile OS**. Popular mobile operating systems are Android, Symbian, iOS, BlackBerry OS and Windows Mobile

6. Write a step wise process on how to restart a system?

Ans. **Use Ctrl + Alt + Delete**

1. On your computer keyboard, hold down the control (Ctrl), alternate (Alt), and delete (Del) keys at the same time.
2. Release the keys and wait for a new menu or window to appear.
3. In the bottom right corner of the screen, click the Power icon. ...
4. Select between Shut Down and Restart.

7. Write a step wise process on how to Shut down a system?

Ans. Press alt+f4 and wait for next tab and press enter

8. Write a step wise process on how to put your system to sleep ?

Ans.1 Click the Start menu button. The Start menu opens.

1. Click the triangle icon in the lower right of the Start menu. The Shutdown menu appears to the right of that icon.
2. Choose the Sleep command from the Shutdown menu. Windows tells your PC to take a nap; it shuts off the lights and the screen goes blank