

What is OS ?

An Operating System(OS) is a system software that manages computer hardware software resources and provides a common services for computer programs. It acts as intermediary between users and computer hardware enabling interaction through graphical or CLI.

Types of OS Open vs Closed:

Open Source:

source code is publicly available and can be modified.

Free to use distribute and customize.

Ex: Linux

Features of Linux:

Customizable kernel and user interface.

Strong security with frequent community updates.

Supports multiple user and multitasking.

Closed Source OS:

Source code is not publicly available; owned by company.

Requires a license to use and modification are restricted.

Ex: windows

Features of Windows:

User friendly GUI E.g:start menu,Taskbar

Regular official updates from Microsoft.

Plug and play hardware compatibility.