Windows OS installation

DEFINITION

An **Operating System (OS)** is a software that acts as an interface between computer hardware components and the user.

(Or)

An **operating system** (OS) is system software that manages computer hardware, software resources, and provides common services for computer programs.

Different versions of windows OS

MS-DOS

Windows 1.0 - 2.0

Windows 3.0 – 3.1

Windows 95

Windows 98

Windows ME - Millennium Edition

Windows NT 31. - 4.0
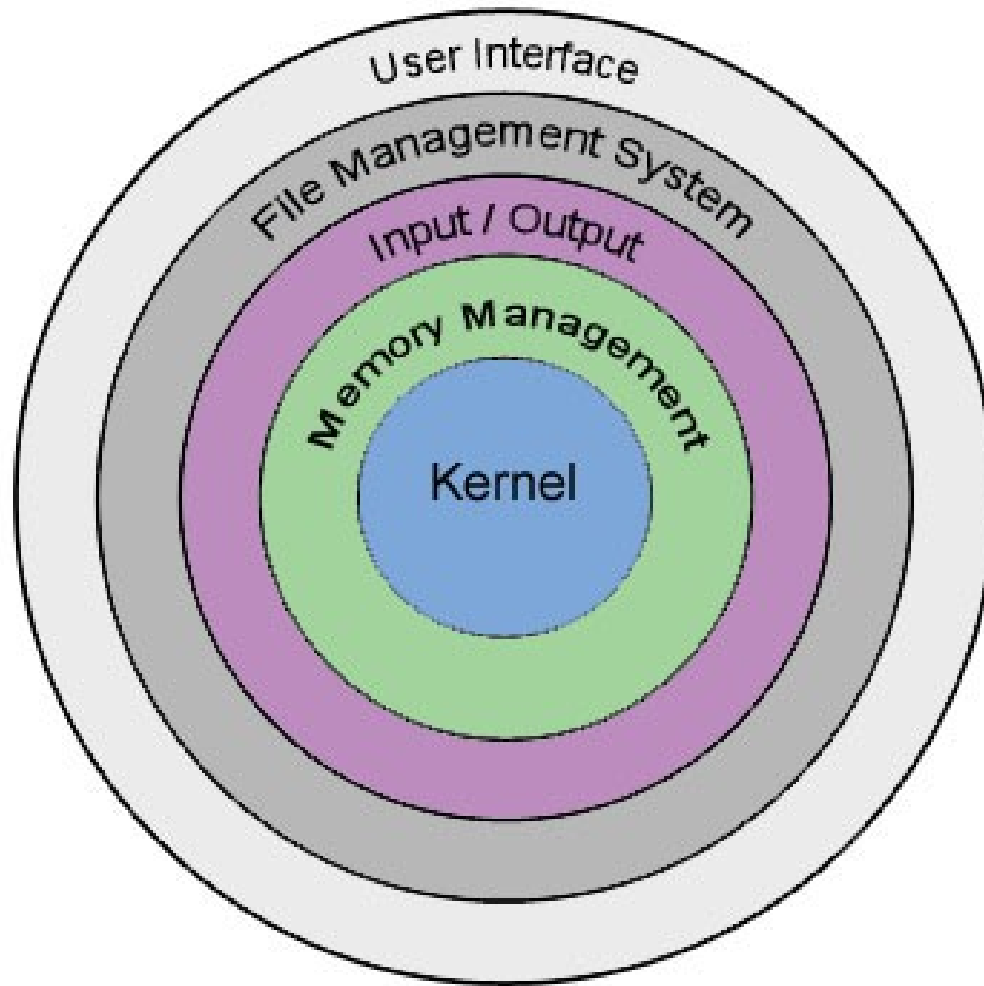
Windows 2000

Windows XP

Windows Vista

Windows 7

Windows 8

Windows 10

Layers of Operating System

LAYERS OF OS

A five layer model is often used:

- User Interface.
- File Management System.
- Input / Output.
- Memory Management.
- Kernel.

User Interface

- The User Interface is the software layer which allows the user to interact directly with the operating system. There are two distinct types of user interface: the text-based Command Line Interface (CLI), as used in MS-DOS,Unix and Linux, and the icon-based Graphical User Interface (GUI) as used in Windows and the Apple Mac operating systems.

- Other OS: Be OS , IRIX , NEXT STEP.

Features of windows OS

➢**Windows easy transfer**

We can easily transfer our files from one system to other

➢**Windows anytime upgrade**

We can upgrade to higher versions of OS

Advantages of windows OS

➢Ease of use

➢Easy for users

➢Hardware

All hardware devices will support windows OS Development

Disadvantages

➢Price

➢Security

➢Reliability

Operating systems

- UW's Gary Kildall father of Pc OS.
- Unix is ths first operating system developed in 1971.(By Kim Thompson,Dennis Ritche).
- Windows first Operating system is Ms-dos developed by IBM in 1980's.
- Mac System(Macintosh 1.0) in 1984 by Apple.
- Windows 1.0 in 1985.
- Linux kernel version in 1991.(Linus Torvalds)
- First desktop version operating system in 1992.

Steps to install windows OS

➤ Insert the installation CD /DVD/USB & restart the system

➤ Turn on the system & Press F9(Hp) & F12(Dell)

➤ Enter USB as boot drive

➤ After windows loaded it gives startup for keyboard language selector, time location then press next

➤ Choose custom installing of windows

➤ Delete previous partitions and create two new partitions of 100gb & other of remaining GB

➤ Enter system name and click next

➤ Enter the password and skip the product key

➤ Click on recommended settings