

02

Operating System



Operating system

The operating system is a software.

Tasks performed by the operating system

1. Provides a user interface to work easily with the computer.
2. Controls the functions of the Central Processing Unit (CPU)
3. Manages the computer memory efficiently.
4. Controls the activities related to storage devices.
5. Manages the hardware.

Examples for operating system

► Used in computer

Microsoft DOS (MS DOS)

Microsoft Windows

Mac OS

Linux

Ubuntu

Fedora

► Used in mobile phones

Android

IOS or iPhone OS

Blackberry OS

Windows Mobile OS

Computer Storage Devices

- Hard Disk



Magnetic
Media Device

- Compact Disk



Optical Media
Device

- Pen Drive



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Solid State
Media Device

File vs Folder

File

A file is anything that is saved in the computer such as a letter, a song or a photo.

File Name

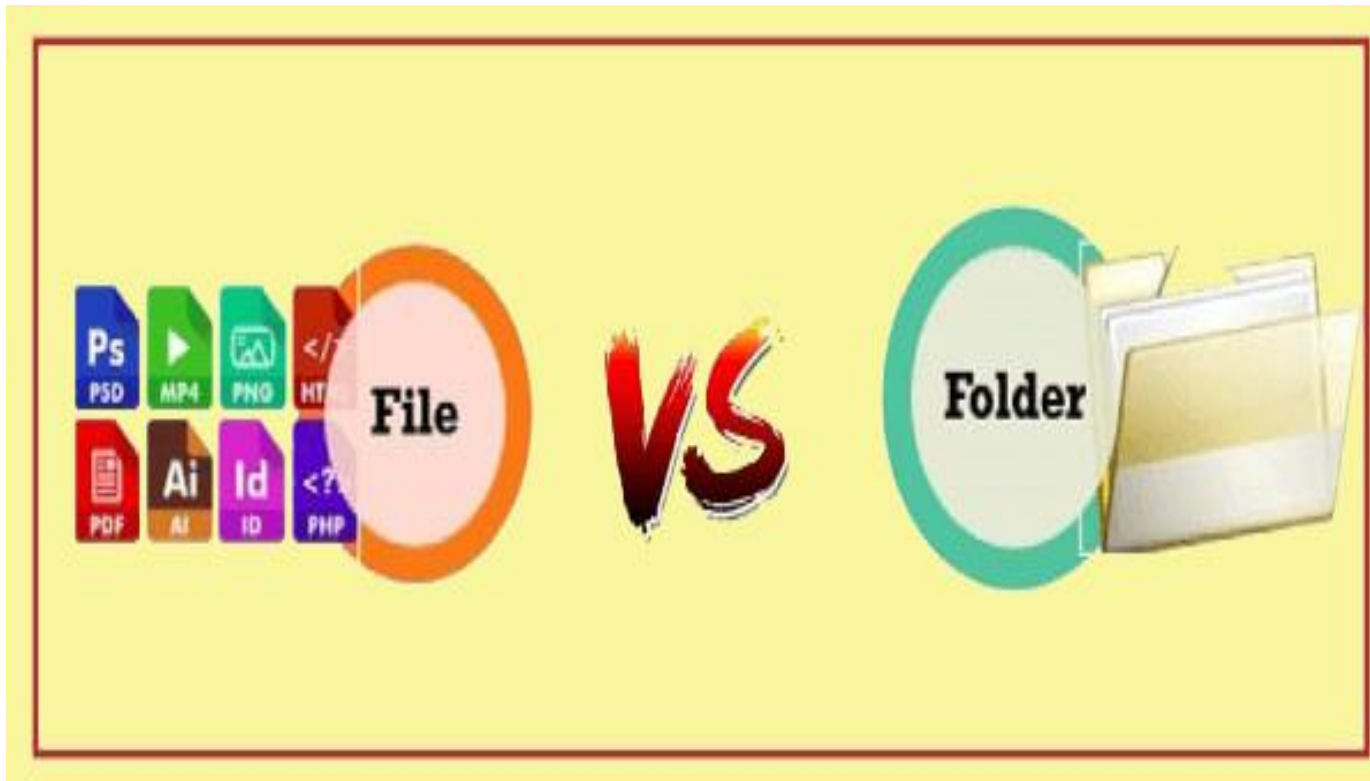
- Used to identify the file.

File Extension

- Used to indicate the application software of the file.

Folder

The place where files are stored is a folder



Now let's see how much we remember what we learned



Part 1: Operating System

01. What is the role of an operating system in a computer?

- a) Control hardware and software
- b) Provide a user interface
- c) Manage memory and storage
- d) All of the above

02. Which of the following is not an example of a computer operating system

- a) Microsoft DOS
- b) Android
- c) Linux
- d) Apple Mac OS

Part 2: Computer Storage Devices

01. Which of the following is a type of magnetic media device?

- a) Pen Drive
- b) Compact Disk
- c) Hard Disk
- d) Solid State Drive

02. List the types of storage devices based on technology

- a) _____
- b) _____
- c) _____

03. True or False

A floppy disk has a higher capacity than a ZIP disk ()

Part 3: Files and Folders

01.What is the purpose of a file extension ?

- a) To indicate the file's size
- b) To specify the location of the file
- c) To indicate which application software can open the file
- d) To name the file

02.What happens when you delete a folder from an external storage device like a pen drive?

- a) The folder can be recovered from the recycle bin
- b) The folder is permanently deleted and cannot be recovered
- c) The folder is temporarily deleted and can be restored
- d) The folder moves to the internal hard disk.

03.Draw a simple diagram showing the relationship between files, folders, and storage devices.

THANK YOU