

# Computer Applications

## Semester-2

### BASIC COMPUTER SKILLS-II

# Computer Memory

# WHAT IS MEMORY

- Memory can refer to any medium of data storage, it is usually refer to RAM.
- There are basically two types of memory
  1. Primary Memory
  2. Secondary Memory



# TYPES OF MEMORY

- Primary Memory
- Primary memory is also known as main/temporary/volatile memory. This kind of memory is available in form of silicon chips, and are assembled in the main board.
- Secondary Memory
- Secondary Memory is permanent storage memory. It is non-volatile in nature.
- Secondary memory is required because RAM is volatile in nature.



# SECONDARY MEMORY

## Sequential Access Devices

- Magnetic Tapes

## Direct Access Devices

- Magnetic Disk
  - a. Floppy Disk
  - b. Hard Disk
- Optical Disc
  - a. CD ROM
  - b. DVD
- Solid State
  - a. Pen Drive
  - b. Memory Card



# SECONDARY MEMORY STORAGE DEVICES

## Sequential Access Devices

- Magnetic Tapes



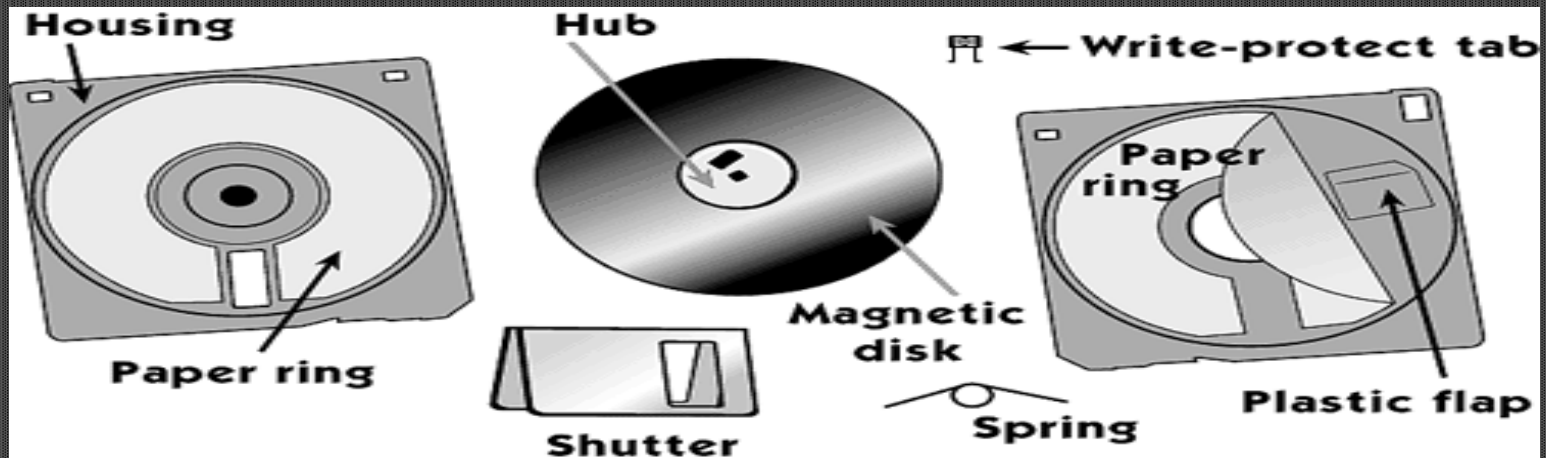


# SECONDARY MEMORY STORAGE DEVICES

## Direct Access Devices

### o Magnetic Disk

#### a. Floppy Disk

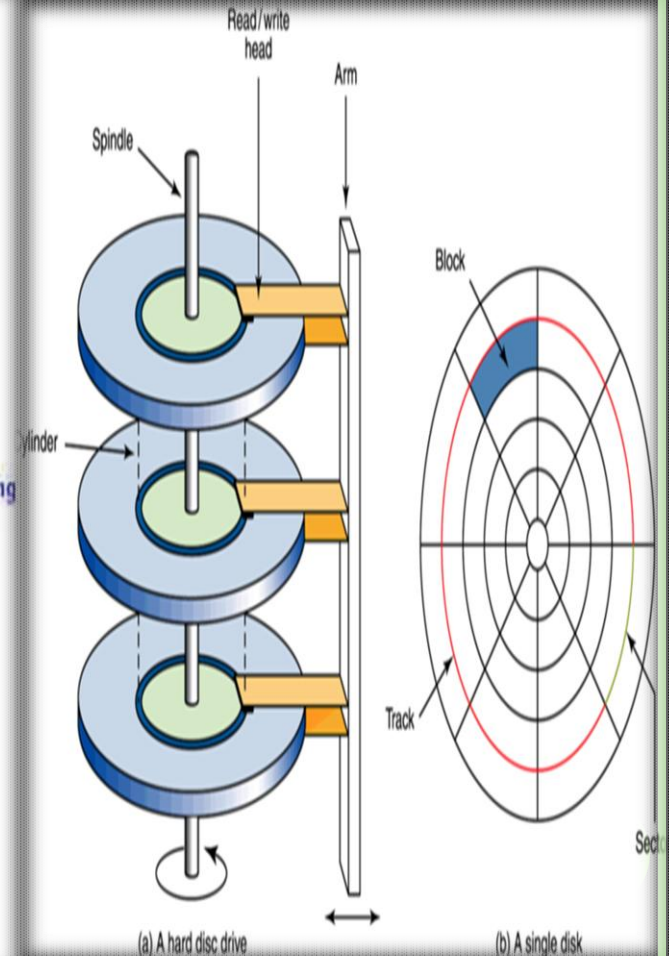
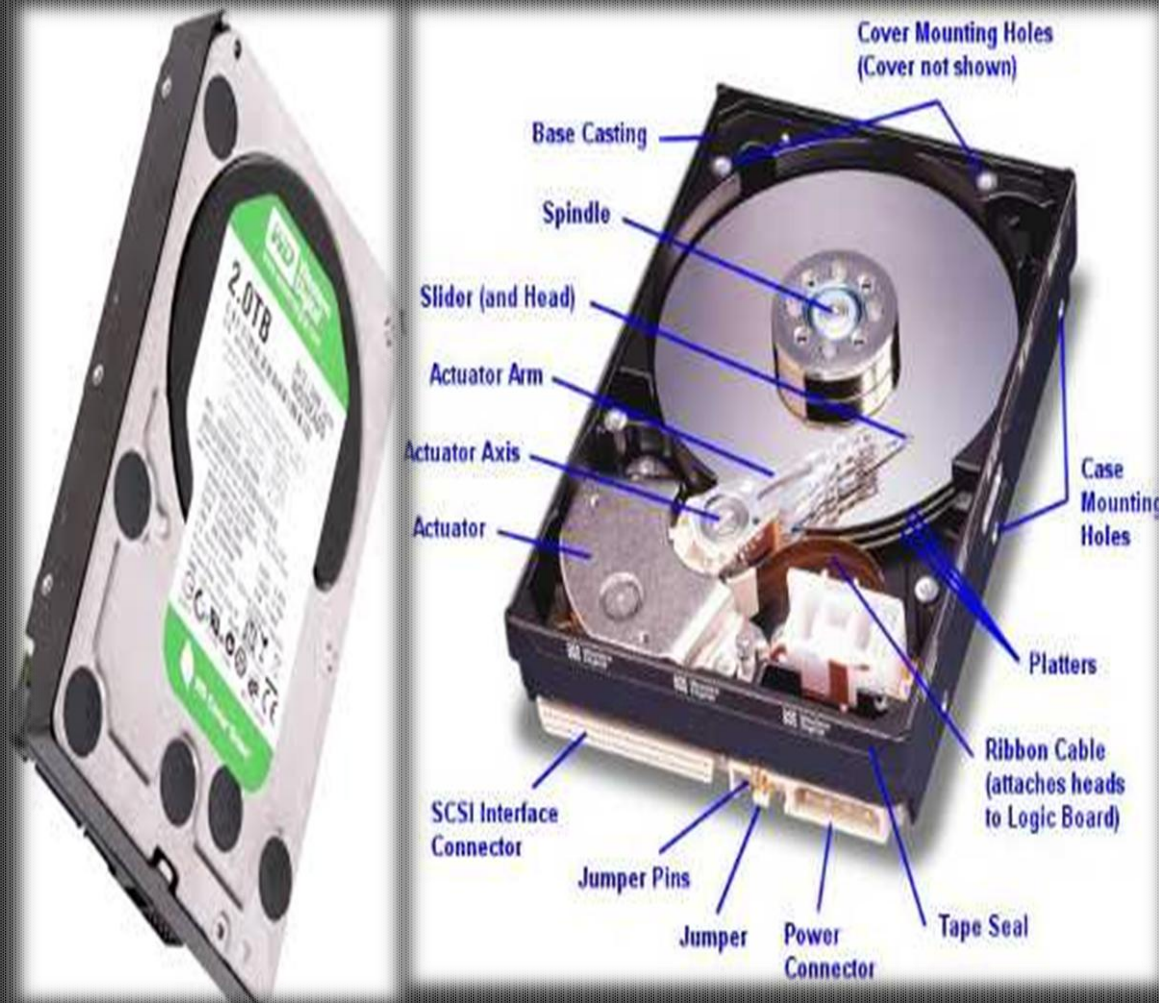


# SECONDARY MEMORY STORAGE DEVICES

## Direct Access Devices

### o Magnetic Disk

### Hard Disk Drive





# SECONDARY MEMORY STORAGE DEVICES

## Direct Access Devices

### ○ Optical Disc

a. CD ROM

b. DVD



### ○ Solid State

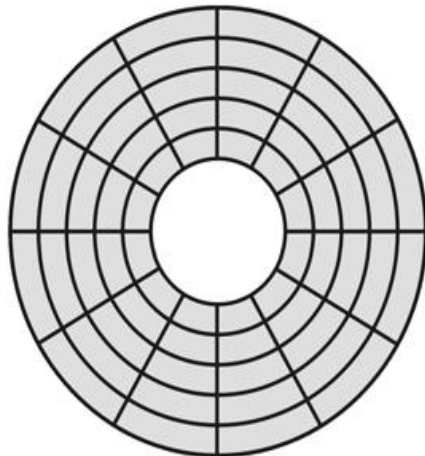
a. Pen Drive

b. Memory Cards

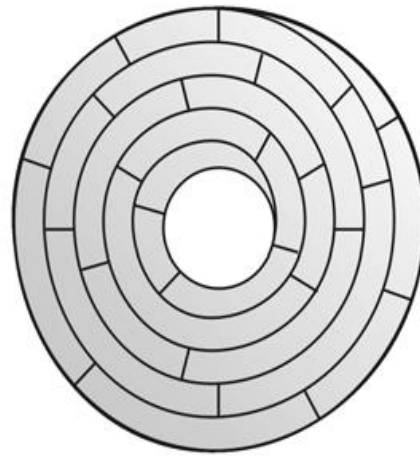


# SECONDARY MEMORY STORAGE DEVICES

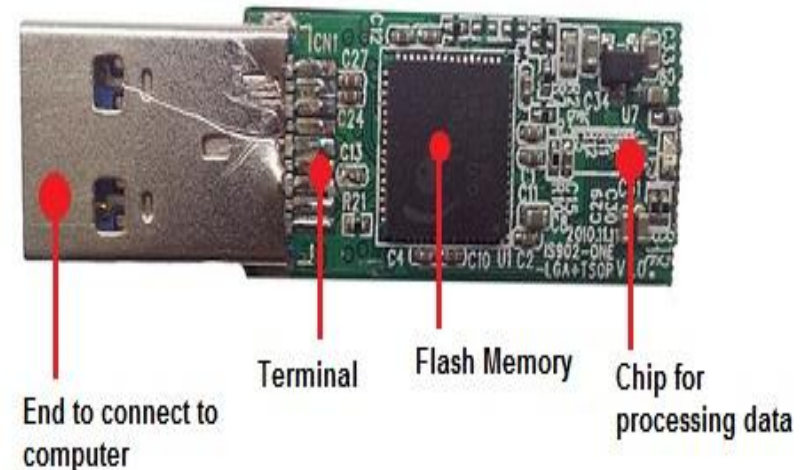
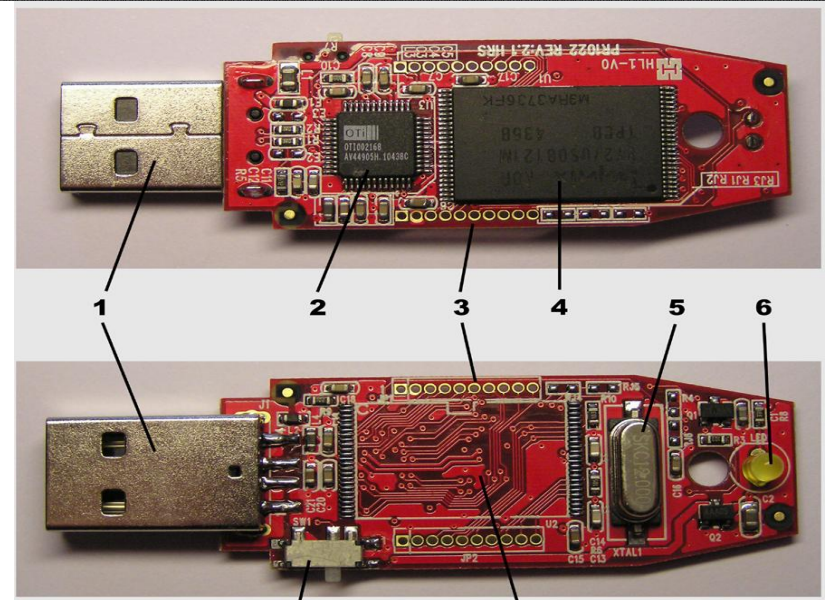
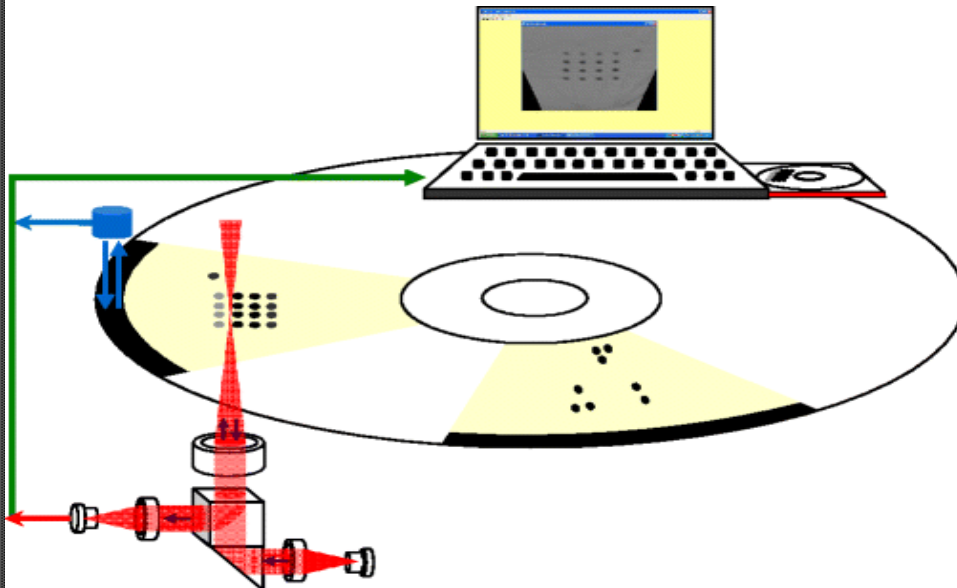
## Direct Access Devices



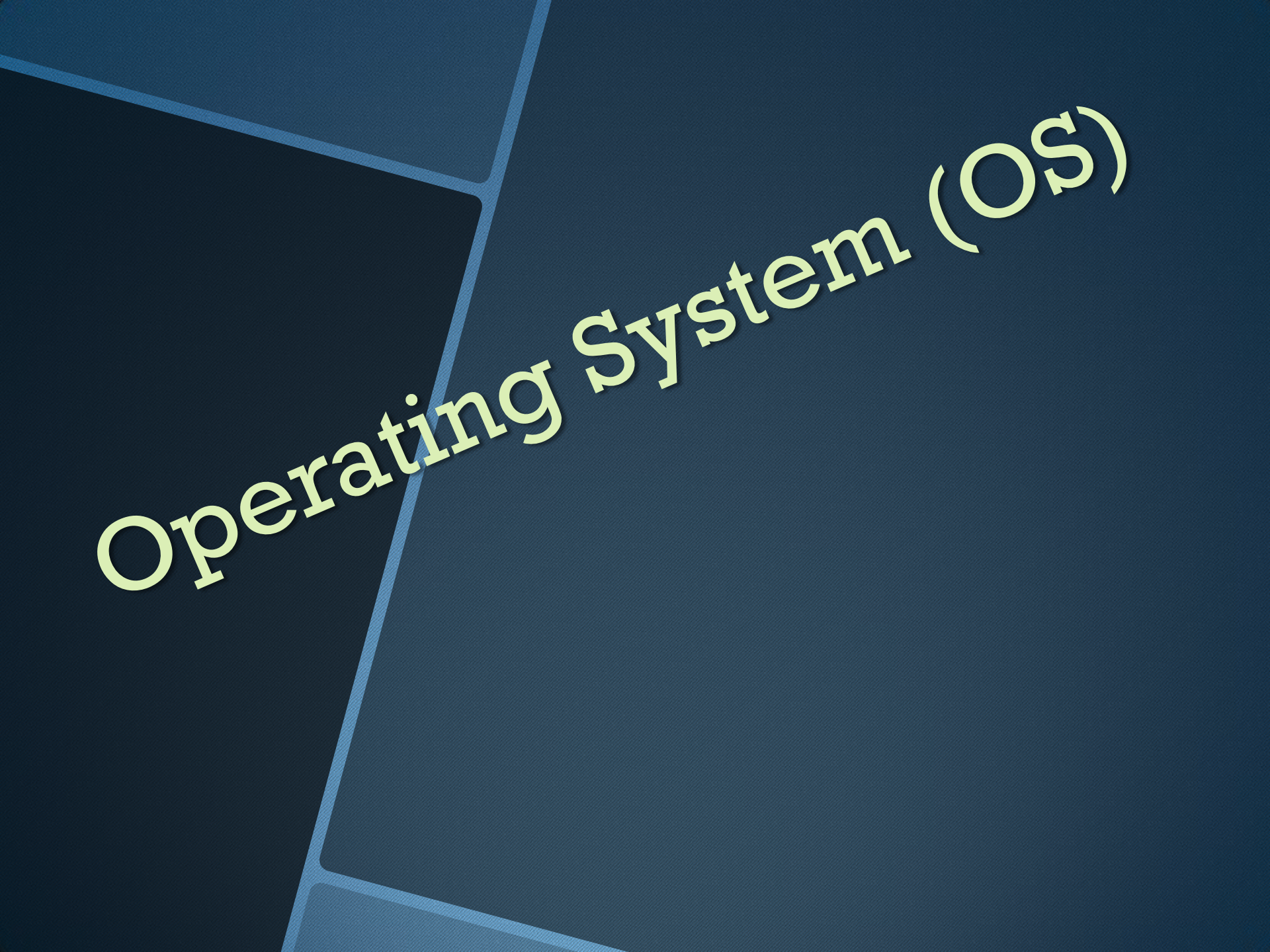
Hard Drive



CD-ROM







# Operating System (OS)

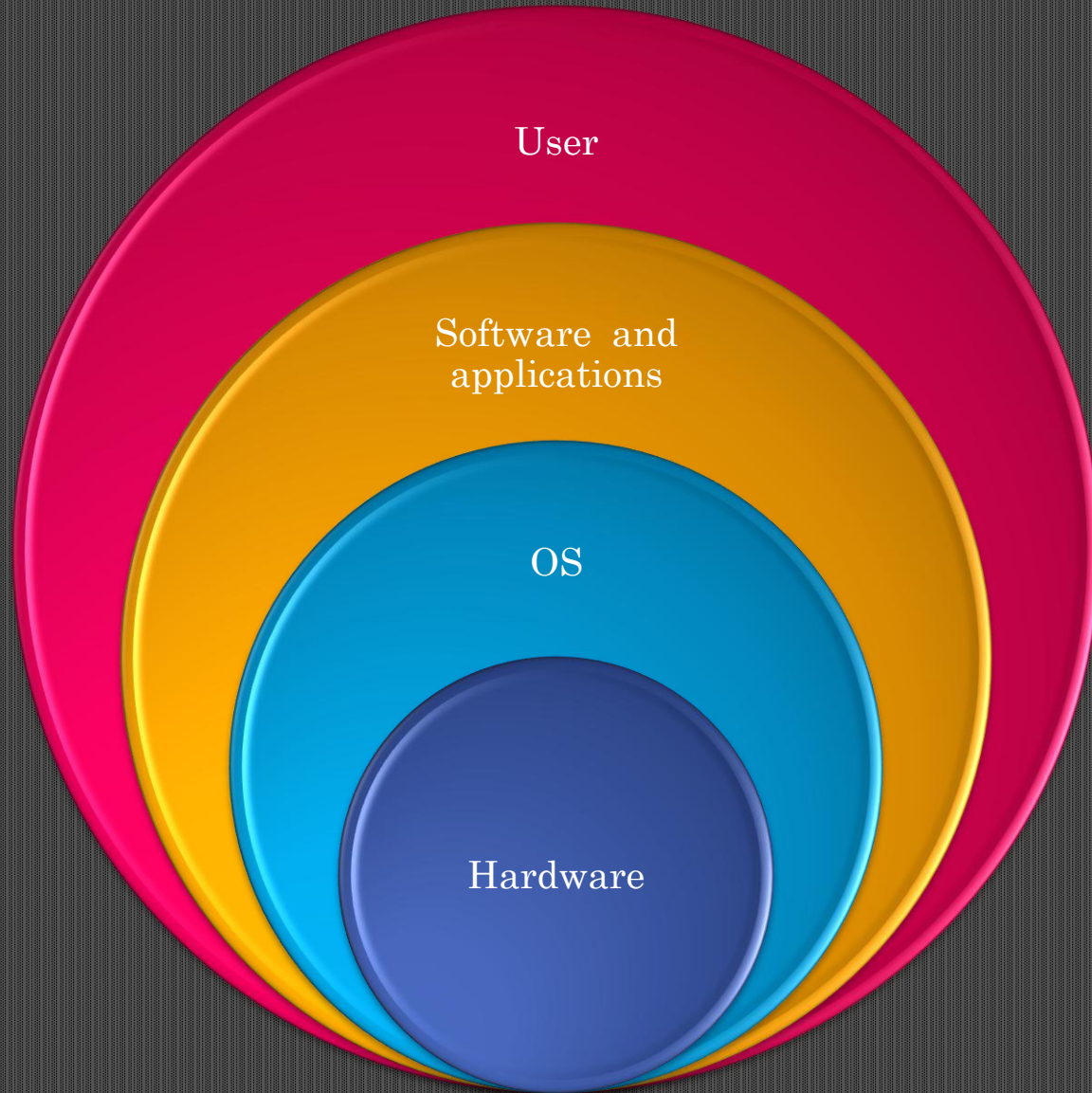


# Operating System (OS)

- OS provides interface between user and machine.
- It is a software component of computer system that is responsible for the management and coordination of activities and the sharing of the resource of the computer.
- A computer cannot run without the presence of OS.



# Basic architecture of OS



www

World Wide Web



# World Wide Web

- The world wide web is a system of internet servers that supports hypertext to access several internet protocol on a single interface.
- The WWW was developed in 1989 by Tim Berners-Lee of the European Particle Physics Lab (CERN) in Switzerland.

# Web Browser

- A **web browser** is a software application for retrieving, presenting, and traversing information resources on the World Wide Web.
- An *information resource* is identified by a Uniform Resource Identifier (URI) and may be a web page, image, video, or other piece of content. ● \_\_\_\_\_
- A web browser can also be defined as an application software or program designed to enable users to access, retrieve and view documents and other resources on the Internet.