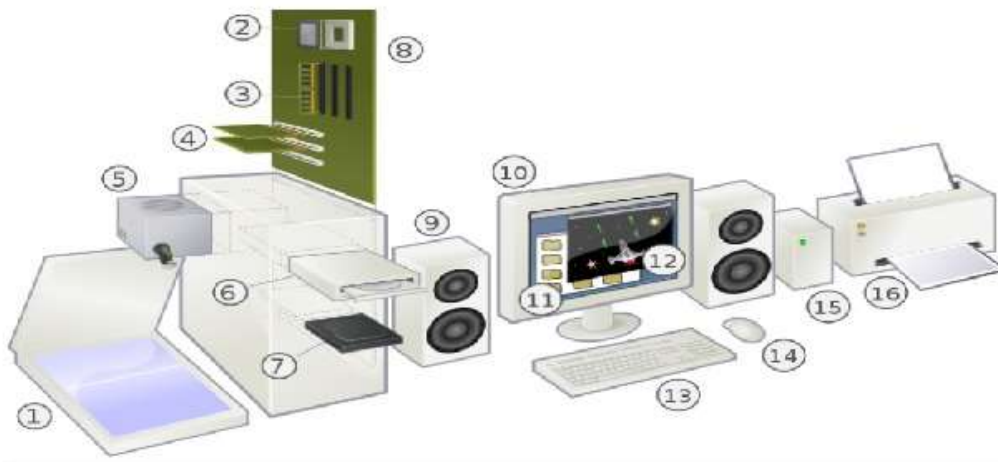# Second lecture

Personal Computer (PC) Components:-

A modern PC is both simple and complicated. It is simple in the sense that over the years, many of the components used to construct a system have become integrated with other components into fewer and fewer actual parts.

Here are the components and peripherals necessary to assemble a basic modern PC system:

- **Motherboard**
- **Processor**
- **Memory (RAM)**
- **Case/chassis**
- **Power supply**
- **Floppy drive**
- **Hard disk**
- **CD-ROM, CD-RW, or DVD-ROM drive**

- **Keyboard**

- **Mouse**

- **Video card**

- **Monitor (display)**

- **Sound card**

- **Speakers**

- **Modem**

Component		Description
Motherboard		The motherboard is the core of the system. It really is the PC; everything else is connected to it, and it controls everything in the system.
Processor		The processor is often thought of as the "engine" of the computer. It's also called the CPU (central processing unit).
Memory (RAM)		The system memory is often called RAM (for random access memory). This is the primary memory, which holds all the programs and data the processor is using at a given time.
Case/chassis		The case is the frame or chassis that houses the motherboard, power supply, disk drives, adapter cards, and any other physical components in the system.
Power supply		The power supply is what feeds electrical power to every single part in the PC.

Floppy drive		The floppy drive is a simple, inexpensive, low-capacity, removable-media, magnetic storage device.
Hard drive		The hard disk is the primary archival storage memory for the system.
CD-ROM/DVD-ROM		CD-ROM (compact disc read-only) and DVD-ROM (digital versatile disc read-only) drives are relatively high-capacity, removable media, optical drives.
Keyboard		The keyboard is the primary device on a PC that is used by a human to communicate with and control a system.
Mouse		Although many types of pointing devices are on the market today, the first and most popular device for this purpose is the mouse.
Video card		The video card controls the information you see on the monitor.
Monitor		Monitors are one of output devices to show the results.
Sound card		It enables the PC to generate complex sounds.
Modem		Most prebuilt PCs ship with a modem (generally an internal modem).