

**Mohacel Hosen**

[techwithmohacel@gmail.com](mailto:techwithmohacel@gmail.com)

# Computer Basics

## What is Computer?

**Ans:** A computer is an electronic device that is designed to process data, store and retrieve information, and perform a wide range of other tasks. It consists of hardware components, such as a central processing unit (CPU), memory, storage, and input/output devices, and software programs that control and coordinate these components to perform specific tasks.

## What is RAM?

**Ans:** RAM stands for Random Access Memory. It is a type of computer memory that is used to store data temporarily as the computer is running programs. RAM provides quick access to data that the computer is currently using or processing, which allows programs to run faster and more efficiently.

## Where is Data store in a computer?

- 1. RAM (Random Access Memory): As I mentioned earlier, RAM is a type of volatile memory that stores data temporarily while the computer is running programs. The data stored in RAM is lost when the computer is turned off or rebooted.*
- 2. Hard Disk Drive (HDD) or Solid-State Drive (SSD): These are types of non-volatile storage that persistently store data even when the computer is turned off. A computer's hard drive or solid-state drive is typically used to store the operating system, installed programs, and personal files.*

3. **USB drives:** These are small, portable storage devices that can be connected to a computer's USB port to store and transfer data.
4. **Cloud storage:** *Cloud storage refers to data storage that is maintained, managed, and made available by a third-party service provider over the Internet. Examples of cloud storage include Google Drive, Dropbox, and Microsoft OneDrive.*

## **What is that input device used to type text and numbers on a document in the computer system?**

**Ans:** The most used input device for typing text and numbers on a document in a computer system is a keyboard. A keyboard is a peripheral device that is connected to a computer and allows the user to input data by pressing keys. The keys on a keyboard correspond to letters, numbers, symbols, and functions, and the computer processes the signals generated by the keyboard to produce the corresponding text and numbers in a document.

## **What are the output devices?**

**Ans:**

1. **Monitor:** A monitor is a display screen that shows the output of a computer. It is used to display text, graphics, videos, and other forms of digital content.
2. **Printer:** A printer is an output device that produces a hard copy of a computer's output, such as a document, image, or graph. There are several types of printers, including inkjet, laser, and thermal printers.
3. **Projector:** A projector is a device that projects the output of a computer onto a large screen or wall. It is commonly used in classrooms, business presentations, and home theaters.
4. **Speaker:** A speaker is an output device that produces sound. Computer speakers can be used to play audio from the computer or to provide audio feedback for certain actions or events.

5. **Headphones:** Headphones are an output device that allows the user to listen to audio without disturbing others. They are commonly used for listening to music or other audio content on a computer.

## **Which is the input Device that allows a user to move the cursor or pointer on the screen?**

**Ans:** The input device that allows a user to move the cursor or pointer on the screen is typically a mouse. A mouse is a small, handheld device that is connected to the computer and used to control the movement of the cursor or pointer on the screen.

**Touchpad:** A touchpad is a small, flat surface on a laptop computer that allows the user to control the movement of the cursor by moving their finger over the surface.

**Trackball:** A trackball is a type of mouse that has a ball on the top that can be rotated to move the cursor.

**Joystick:** A joystick is a gaming device that allows the user to control the movement of a cursor or character in a computer game

## **Which language is directly understood by the computer without a translation program?**

**Ans:** The language that is directly understood by the computer without a translation program is machine language or machine code. Machine language is a set of binary instructions that a computer can understand and execute. It is the lowest-level programming language and consists of a series of binary digits (0s and 1s) that represent instructions for the computer's central processing unit (CPU).

## What are the input devices?

**Ans:**

**Keyboard:** A keyboard is a peripheral device that is used to input data into a computer by pressing keys. It is the most used input device for typing text and numbers.

**Mouse:** A mouse is a small, handheld device that is used to control the movement of the cursor or pointer on the screen. It has one or more buttons that can be clicked to select items or perform actions.

**Touchpad:** A touchpad is a small, flat surface on a laptop computer that allows the user to control the movement of the cursor by moving their finger over the surface.

**Scanner:** A scanner is a device that captures images or text from physical documents and converts them into digital form.

**Microphone:** A microphone is an input device that captures audio input, such as speech or music.

**Joystick:** A joystick is a gaming device that allows the user to control the movement of a cursor or character in a computer game.

**Camera:** A camera is an input device that captures still images or video.