



A computer is an electronic machine that accepts data, processes it according to instructions, stores it, and produces meaningful output.

In simple words, a computer helps humans perform tasks quickly and accurately. Computers are used in schools, banks, hospitals, railway stations, shopping malls, homes, industries, and almost every field of life.

**A computer works on the principle of:**

## IPO Cycle

**Input** → **Process** → **Output**

### 1. Input

Data is entered using input devices such as keyboard or mouse.



### 2. Processing

The CPU processes the data according to instructions.



### 3. Output

The result is displayed through output devices such as monitor or printer.



### Common Input Devices



### Common Output Devices



## Real Life Example – ATM Machine

### Input

User enters ATM PIN and amount.



### Process

Bank server verifies the details.



### Output

Cash is dispensed and receipt is printed.



### Did You Know?

The CPU is called the “brain” of the computer because it thinks, processes and controls all the activities of the computer.

### Quick Recall

- \* Computer follows IPO cycle.
- \* CPU is the brain of the computer.

