

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the left and right sides of the frame, creating a modern, dynamic feel. The central area is a plain white background where the text is located.

FUTURE POINT
COMPUTER
WELCOMES YOU



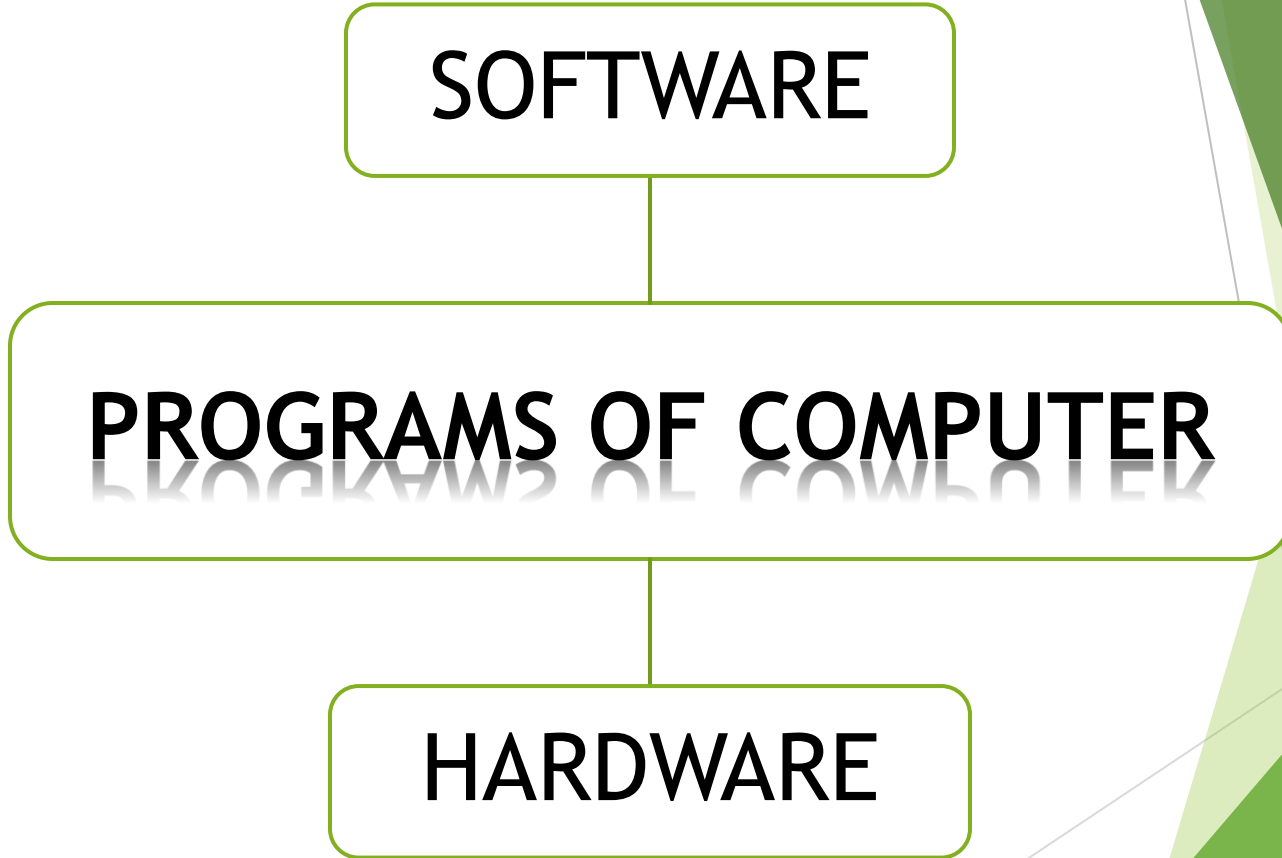
TODAY'S TOPIC

BASICS OF COMPUTER

SOFTWARE

PROGRAMS OF COMPUTER

HARDWARE



SOFTWARE

SOFTWARES ARE THE PROGRAM THOSE
HELPS US TO OPERATE COMPUTER
AND CANN'T BE TOUCHED.

Eg. MS PAINT, NOTEPAD, TYPING
MASTER, OPERATING SOFTWARES etc

HARDWARE

**HARDWARES ARE THE COMPONENTS
OF CPU BY THEM CPU WORKS
PROPERLY. AND HARDWARES CAN BE
TOUCHED.**

WHAT IS COMPUTER ?

**COMPUTER IS A GROUP
MADE WITH INPUT &
OUTPUT DEVICES**

WHAT ARE INPUT DEVICES

**DEVICES USED TO GIVE THE
COMMAND TO THE COMPUTER
ARE CALLED INPUT DEVICES**

INPUT DEVICES

- ▶ **MOUSE**
- ▶ **KEYBOARD**
- ▶ **MIC**
- ▶ **JOYSTICK**
- ▶ **SCANNER**

OUTPUT DEVICES

**THESE DEVICES ARE USED TO
SHOW THE RESULTS OF INPUT
DEVICES.**

OUTPUT DEVICES

► **MONITOR**

► **PRINTER**

► **SPEAKER**

DIFFERENCE BETWEEN INPUT & OUTPUT DEVICES

- ▶ **Input Devices:** Keyboard, Mouse, etc. - Used to give commands.
- ▶ **Output Devices:** Monitor, Printer, etc. - Used to display results.
- ▶ **Input** accepts user data; **Output** shows processed data.

COPIES



SOFT COPY

HARD COPY

SOFT COPIES

▶ SOFT COPIES ARE THOSE THAT
CAN'T BE TOUCHED.

OR

▶ VIRTUAL DATA (IN OUR SYSTEM)

HARD COPIES

HARD COPIES ARE THOSE THAT
CAN BE TOUCHED.

OR

▶ PRINTED ON PAPER ETC.

TYPES OF COMPUTERS

- ▶ Desktop - Used in offices, schools.
- ▶ Laptop - Portable and lightweight.
- ▶ Tablet - Touch screen-based computers.
- ▶ Server - Handles data and networking.
- ▶ Supercomputer - Used for complex calculations (e.g., weather forecasting).

STORAGE DEVICES

- ▶ Hard Disk Drive (HDD) - Internal, stores OS and files.
- ▶ Solid State Drive (SSD) - Faster than HDD.
- ▶ Pen Drive - Portable, USB-based.
- ▶ Memory Card - Used in mobiles/cameras.
- ▶ CD/DVD - Optical storage (less common now).

FUNCTIONS OF A COMPUTER

- ▶ Input - User gives data (via keyboard, mouse).
- ▶ Processing - CPU works on the data.
- ▶ Storage - Data saved for future use.
- ▶ Output - Results shown on monitor, printer, etc.

TYPES OF SOFTWARE

- ▶ System Software: Windows, macOS, Linux
- ▶ Application Software: MS Word, Excel, Photoshop
- ▶ Utility Software: Antivirus, WinZip, Cleaner Tools

COMPUTER PORTS & CONNECTIONS

- ▶ USB Port - For pen drive, mouse, etc.
- ▶ HDMI - For audio/video display.
- ▶ VGA - Older display port.
- ▶ LAN Port - For internet connection.
- ▶ Audio Jack - Mic/speaker connection.

IMPORTANCE OF COMPUTERS IN DAILY LIFE

- ▶ Education - Online classes, research
- ▶ Banking - Transactions, ATM
- ▶ Shopping - E-commerce platforms
- ▶ Communication - Email, WhatsApp, Zoom
- ▶ Healthcare - Patient data, diagnosis

QUIZ TIME!

- ▶ 1. Name 3 input devices.
- ▶ 2. What is an output device?
- ▶ 3. Give an example of system software.
- ▶ 4. What is the difference between soft and hard copy?

THANK YOU FOR
JOINING THE CLASS