

**DATE :20-4-21**

**SESSION : 2**

**CLASS : IV**

**SUBJECT : Computer**

**CHAPTER NUMBER:1**

**CHAPTER NAME :INPUT, OUTPUT AND STORAGE DEVICES**

**SUBTOPIC :OUTPUT DEVICES**

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**CHANGING YOUR TOMORROW**

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# LEARNING OBJECTIVE :

To make the learners know more output devices that are used in computer.

# INPUT DEVICES

## Keyboard



- A keyboard is used to enter data and instructions into into a computer
- There are 104 keys present on the keyboard

## Mouse



- A mouse is a pointing device.
- It is used to control the movement of the pointer to select an object and open files/folders..
- It has two buttons on the top and used to draw pictures

## Touch pad

- Touch sensitive pad is used instead of mouse in laptop.
- We can control the movement of the pointer by moving the finger on the touchpad.



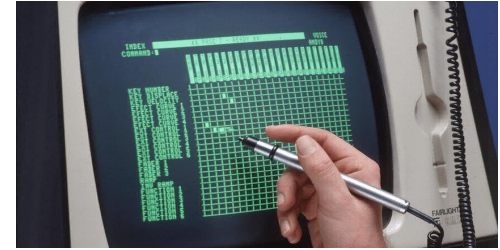
## WEB CAMERA

- A web camera capture images and live videos.
- It is primarily used to chat live with friends and relatives using the internet.



## Light pen

- It is a pointing device used to select and draw objects on the display screen
- It looks like a pen and is used with CRT monitors.
- These days stylus which is a type of light pen used with a tablet or digitizer.



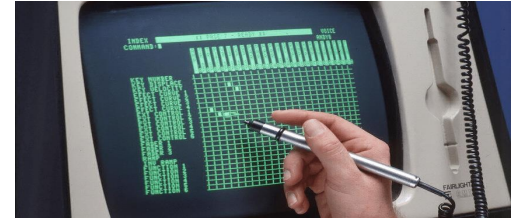
## Scanner

- Scanner reads text or pictures printed on a paper and transfer them into computer.
- There are two types of scanner : Flat bed and hand held .



## Light Pen:

It is a pointing device shaped like a pen and is used on a special pad.



## Microphone:

It is used to record our voice and other sounds into the computer.



## Touch screen:

- It is a computer screen that is sensitive to the touch.
- We can select objects directly by touching them.
- This is used in laptops, ATMs, tablets, cell phones



## Digital camera

- It is used to take photographs and record video.
- The photos and videos taken are stored in the memory chip inside the camera.
- The digital camera is plugged into a computer and the images/videos are transferred to it for storing, editing, printing.



## **OUTPUT DEVICE:**

The device which is used to display the data that we enter into computer are called output device.

## **Monitor:**

The output that we get on monitor is called soft copy.



There are three types of monitor:-

- i) **CRT:** These are less expensive, but consume more electricity.
- ii) **LCD:** These are thinner, lighter, and consume less electricity.
- iii) **LED:** It looks like LCD monitors and has better picture quality.

**CRT(Cathode Ray Tube)**

**LCD(Liquid crystal Display)**

**LED(Light Emitting Diode)**

**Speaker:** It is used to listen music from computer.





**Printer:** It helps to take print out on the paper.

The printed copy we get from computer is called Hard copy.

Printer is classified as

- Dot matrix printer:
- Inkjet Printer
- Laser Printer
- 3D Printer

## Dot matrix printer:

- It works like a type writer .
- It is the slowest and cheapest printer.
- It is very noisy.
- It gives output in black and white and doesn't give good quality output.

## Inkjet printer:

- This printer sprays droplet of ink on the paper to form the text and graphics.
- It prints both black and white as well as colored print.
- It produces high quality prints when used with special paper..

## Laser printer:

- It uses laser beam and dry ink to produce printouts.
- It is used mainly in publishing houses.
- It gives good quality print out and prints at a very high speed.

## 3D printers:

- These are remarkable machines that can make everyday things in different materials in all forms.
- In this process an object is created by laying down successive layers of the material until an object is entirely made.

# Homework

Activity page 18 No-A

## LEARNING OUTCOME:

Students will learn more output devices used in computer.



**THANKING YOU**  
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