

# TYPES OF COMPUTER



CHAPTER-2  
CLASS-IV

# TYPES OF COMPUTER

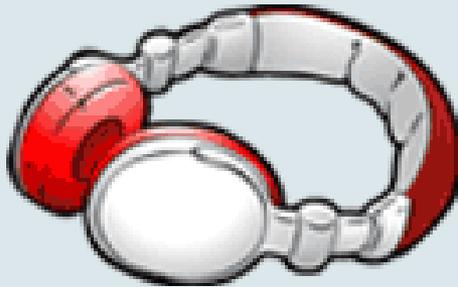
1. ANALOG COMPUTER
2. DIGITAL COMPUTER
3. MAINFRAME COMPUTER
4. MINI COMPUTER
5. MICRO COMPUTER
6. SUPER COMPUTER

# ANALOG COMPUTER



A computer that represents data by measurable quantities, as voltages , the rotation of gears etc.

Example – Speedometer



Headphones



Speakers



Thermometer



Microphone

# Analogue Devices



# DIGITAL COMPUTER



Digital computer is the most commonly used type of computer and is used to process information with quantities using digits, usually using the binary number system.

Example – Calculator ,  
Computer , Smartphones

# EXAMPLES OF DIGITAL COMPUTERS



# ANALOG VS DIGITAL COMPUTER



**Analog Computer**



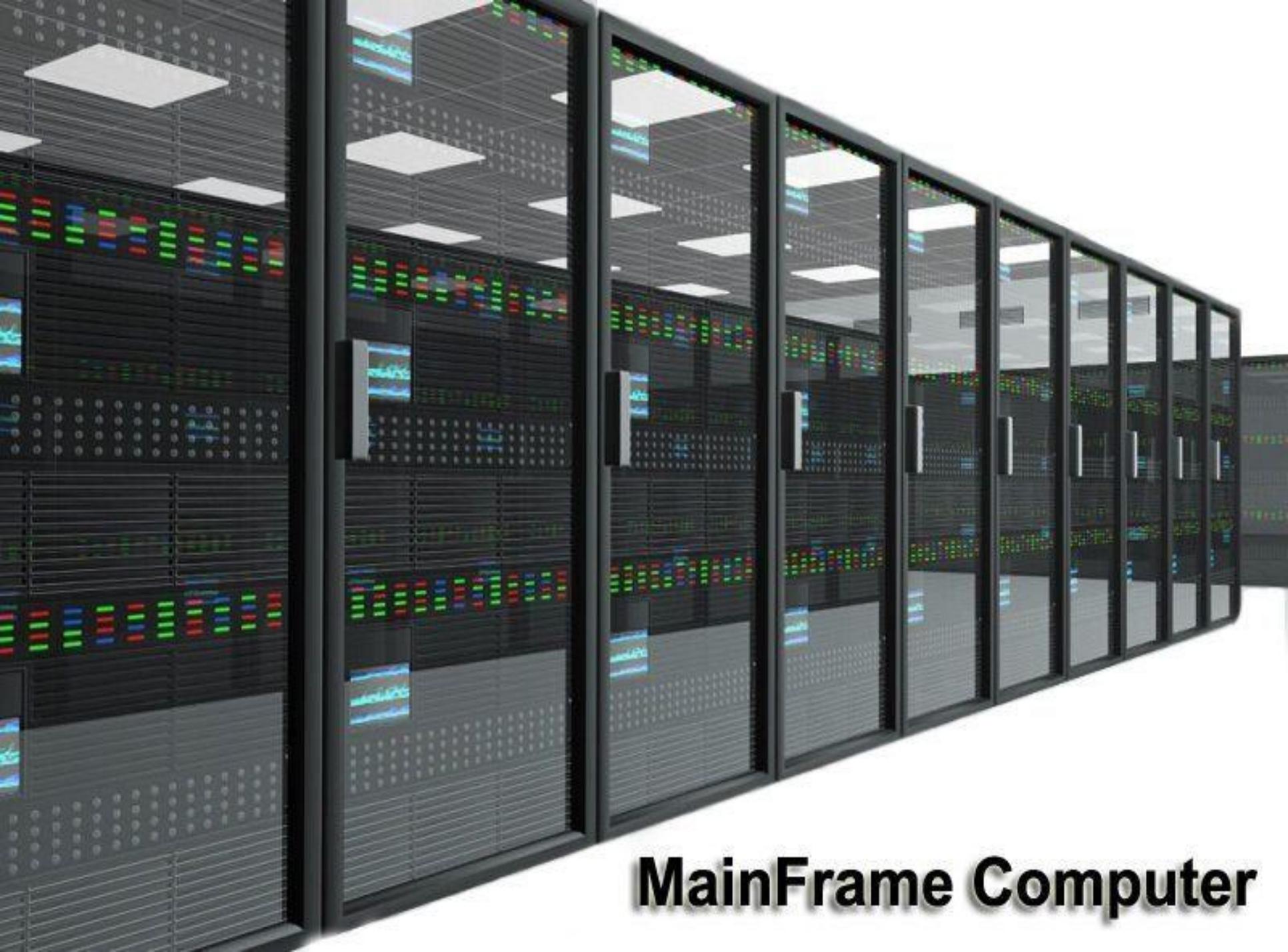
**Digital Computer**

# MAINFRAME COMPUTER



These are computers used primarily by large organizations for critical applications; bulk data processing, such as census, industry and consumer statistics, and enterprise resource planning; and transaction processing.

Example - IBM System z9 mainframe , IBM 704 mainframe (1964)



**MainFrame Computer**

# MINI COMPUTER



Computer that is smaller, less expensive, and less powerful than a mainframe or super computer, but more expensive and more powerful than a personal computer. Mini computers are used for scientific / engineering and database management, and are often now referred to as small or midsize servers.

Example – HP 3000 series and HP 2100 series.



# MICRO COMPUTER



It is a small, relatively inexpensive computer with a microprocessor as its central processing unit (CPU). It includes a microprocessor, memory and input/output (I/O) circuitry mounted on a single printed circuit board.

Example - Computer we use in School , Home etc.



# SUPER COMPUTER

»» A supercomputer is a computer with a high level of performance as compared to a general-purpose computer. The performance of a super computer is commonly measured in floating-point operations per second (FLOPS) instead of million instructions per second (MIPS).

Example – JAGUAR, NEBULAE, PARAM 8000 , PRATYUSH





THANK YOU....

