

CLASS : IV
SUBJECT : Computer
CHAPTER NUMBER:1
CHAPTER NAME :INPUT, OUTPUT AND STORAGE DEVICES
SUBTOPIC :STORAGE DEVICES

CHANGING YOUR TOMORROW

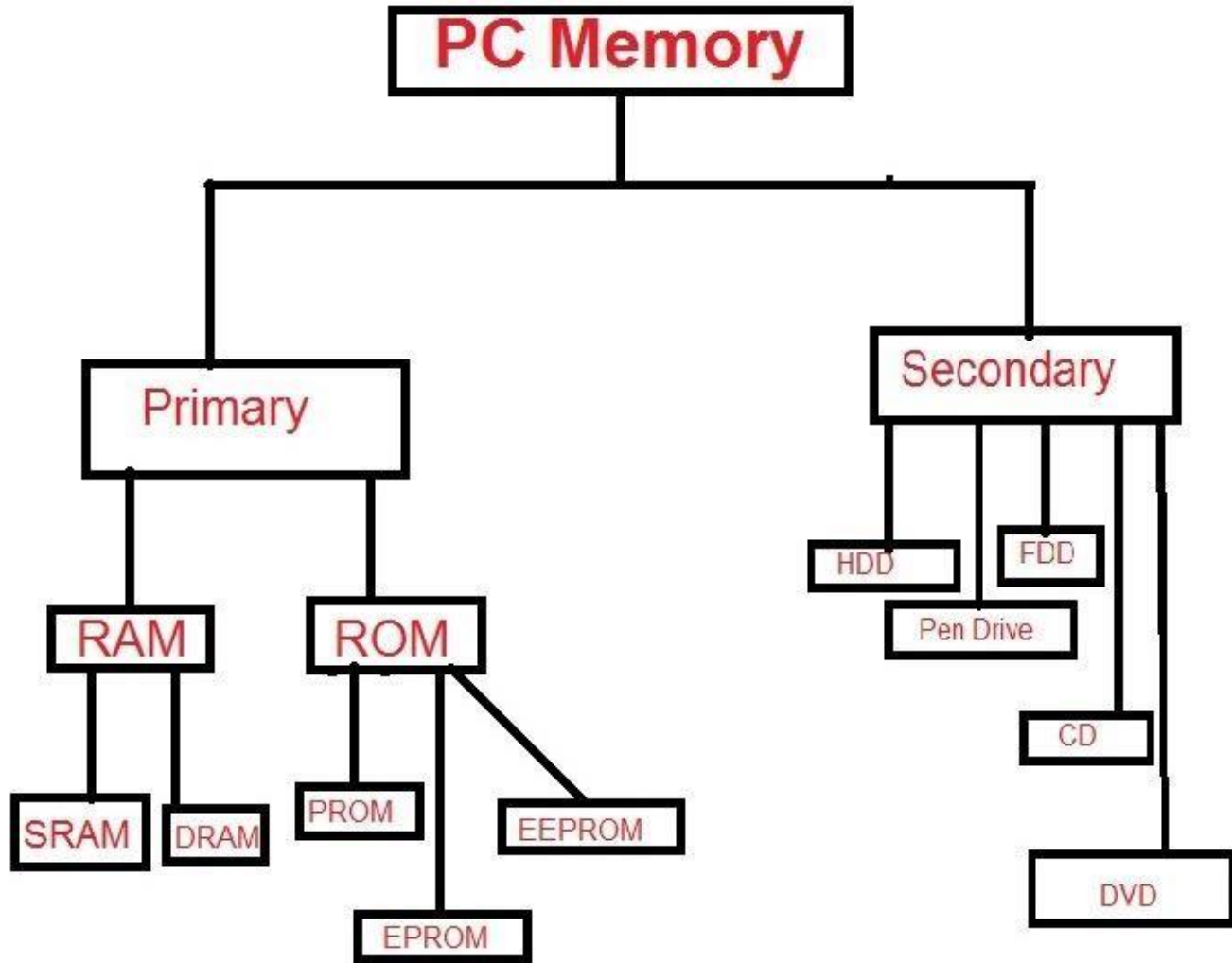
Storage Devices

- The device that help us in storing the data are called storage devices

Bits and byte

- Computer can understand only two States on and off. two digits 0s and 1s called binary digit or bits.
- The data is stored in the computer in the form of bits and is measured in bytes.
- The memory capacity determined how much data and instructions can be stored in the computer either temporarily or permanently

Bits:		8 bits = 1 byte
Bytes:		1024 bytes = 1 KB (1 to 3 digits)
Kilobytes:		1024 KB = 1 MB (4 to 6 digits)
Megabytes:		1024 MB = 1 GB (7 to 9 digits)
Gigabytes:		1024 GB = 1 TB (10 to 12 digits)
Terabytes:		1024 TB = 1 PB (13 to 15 digits)
Petabytes:		1024 PB = 1 EB (16 to 18 digits)
Exabytes:		1024 EB = 1 ZB (19 to 21 digits)
Zettabytes:		1024 ZB = 1 YB (22 to 24 digits)
Yottabytes:		more than enough... (25 to 27 digits)



LEARNING OUTCOME:

Students will be introduced to storage devices used in computer.

THANKING YOU
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