499 OII & promery diod of opy - monsterc can be employed. [ Seperate buses ton manory & I] I/O Intertace lamas 1/0 Momorey Ilo CPU Device Face

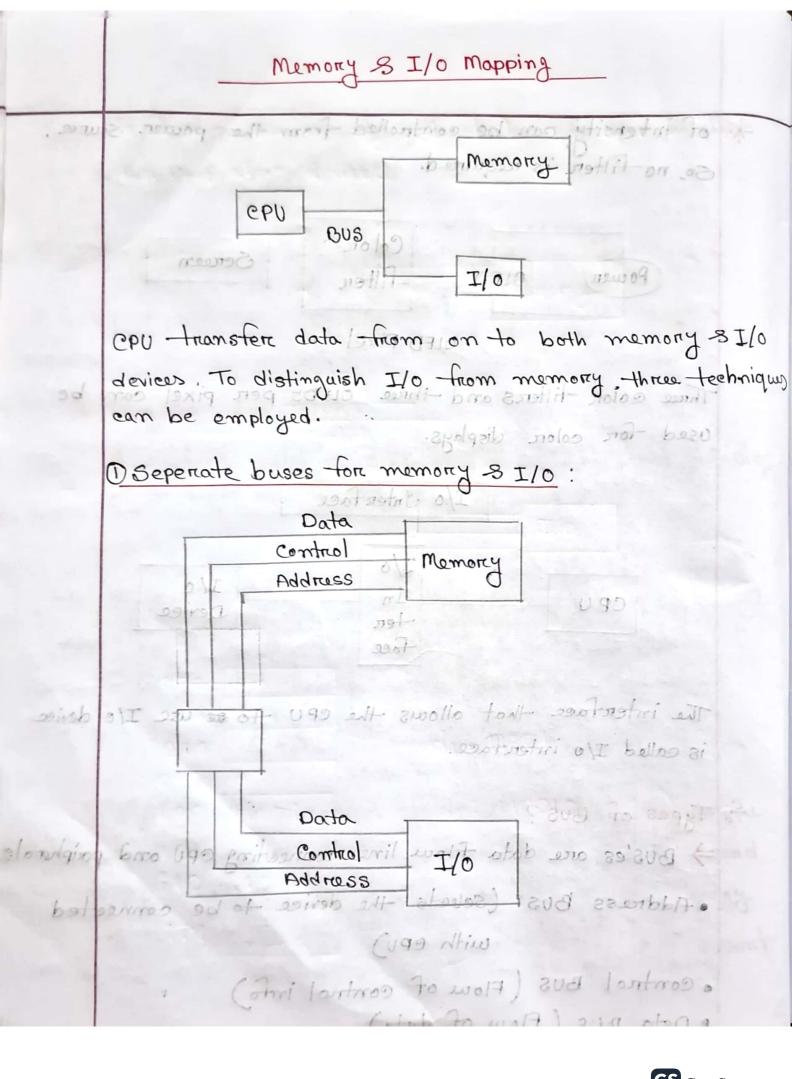
The interctace that allows the CPU to se use I/o device is called I/o intenface.

## \* Types of Bus?

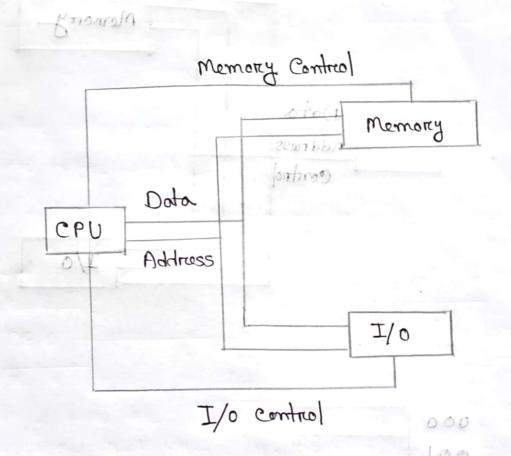
> Bus'es are data flow lines connecting CPU and paripherals.

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- · Address Bus (selects the device to be connected with epu)
- · control BUS ( Flow of control into)
- · Data BUS ( Flow of data)



- Ali @ I/o mapped I/oils the promon set to worker
  - · Common data and address bus. svitasque ext
    - · seperate control bus.



3 Memory mapped I/o: All Bus'es are common

Address of the I/o devices are stored in memory. For example a memory with eight bytes is available. We have two I/o devices addressed 11001 and 110010. Those addresses are stored in memory locations of the memory 100 and 110. When CPU hits 100 on 110

