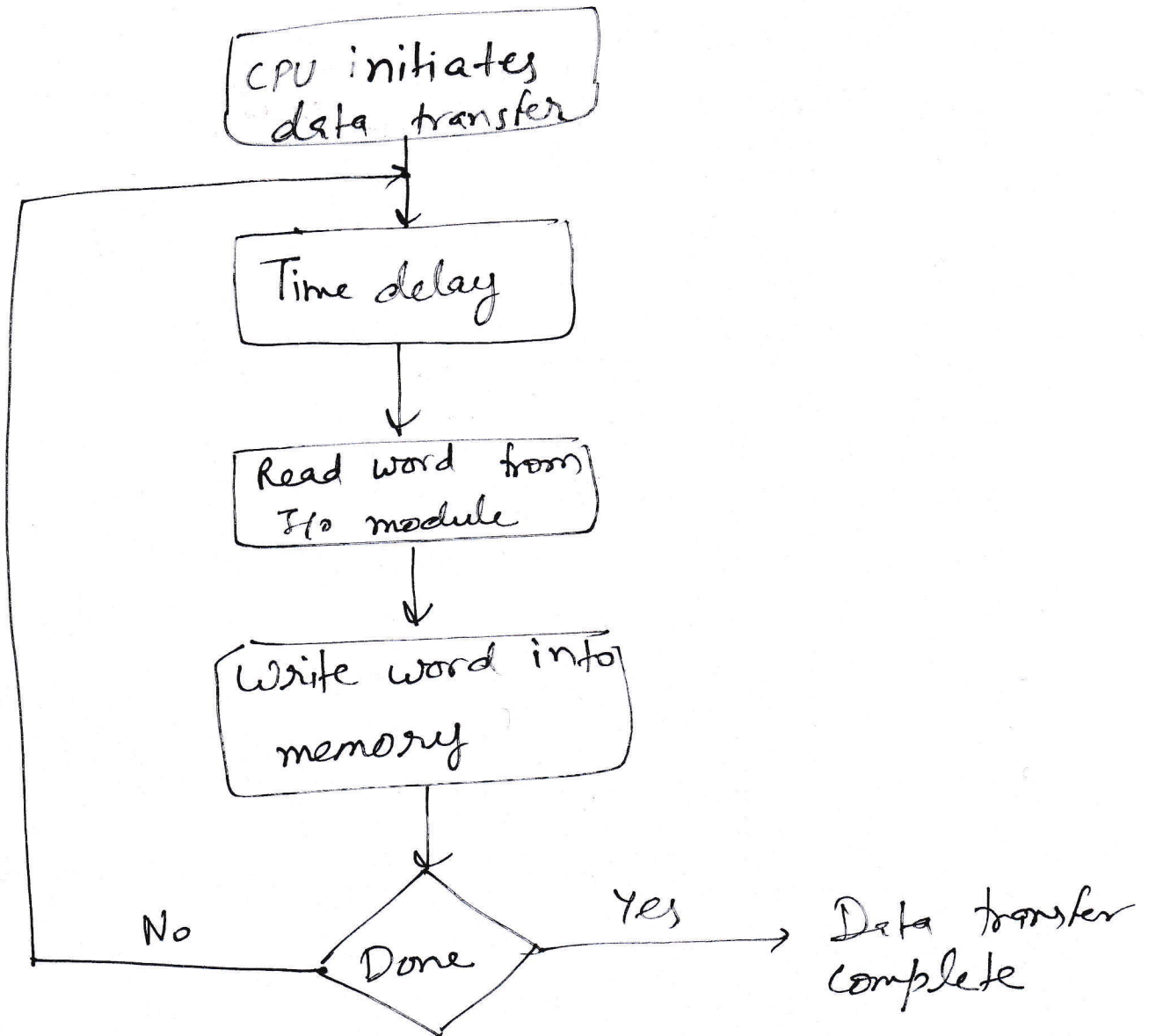
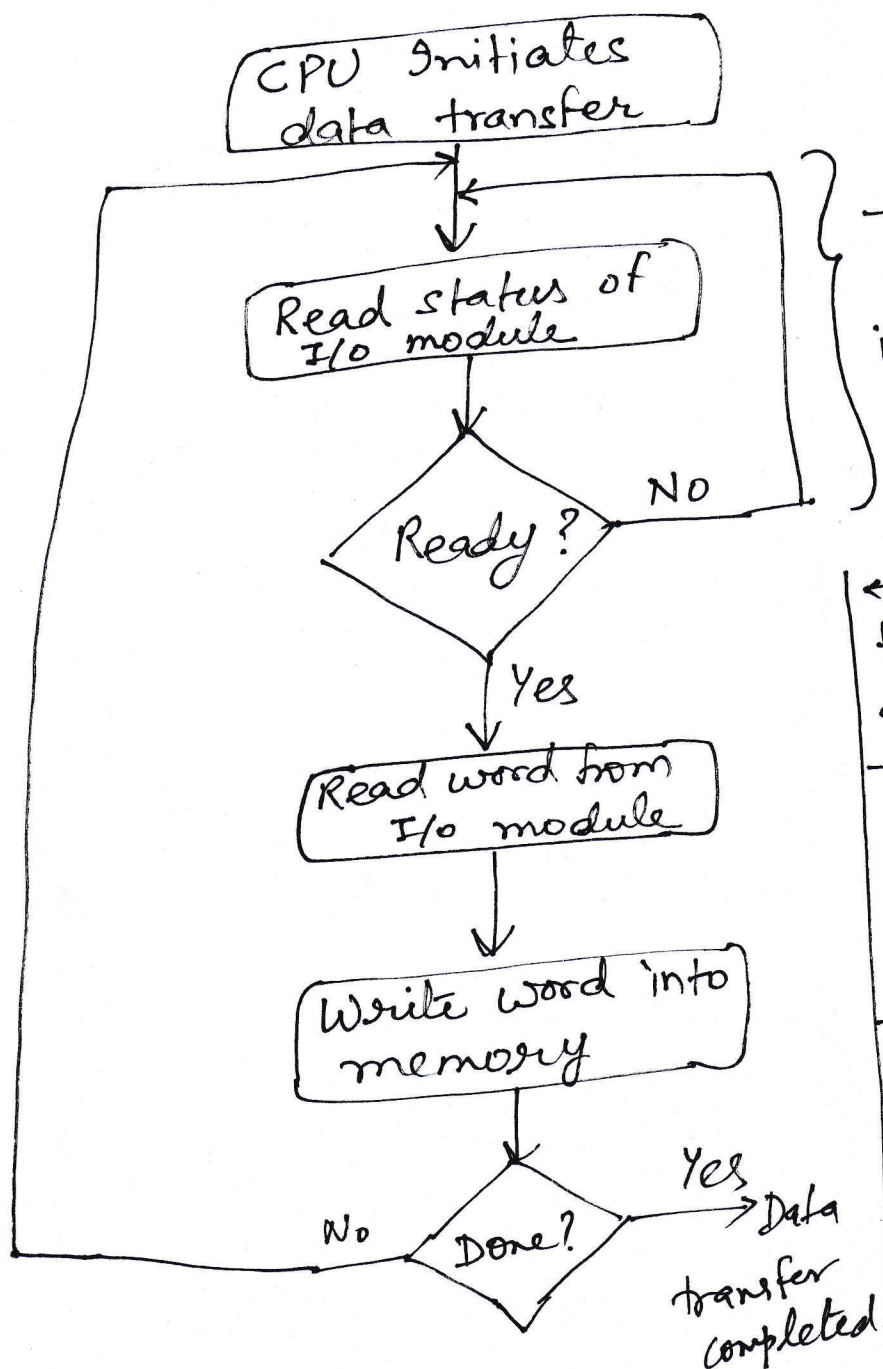


## Synchronous Data transfer :-



# ~~Base-metal~~ ~~hypervisor~~

## Asynchronous Data transfer



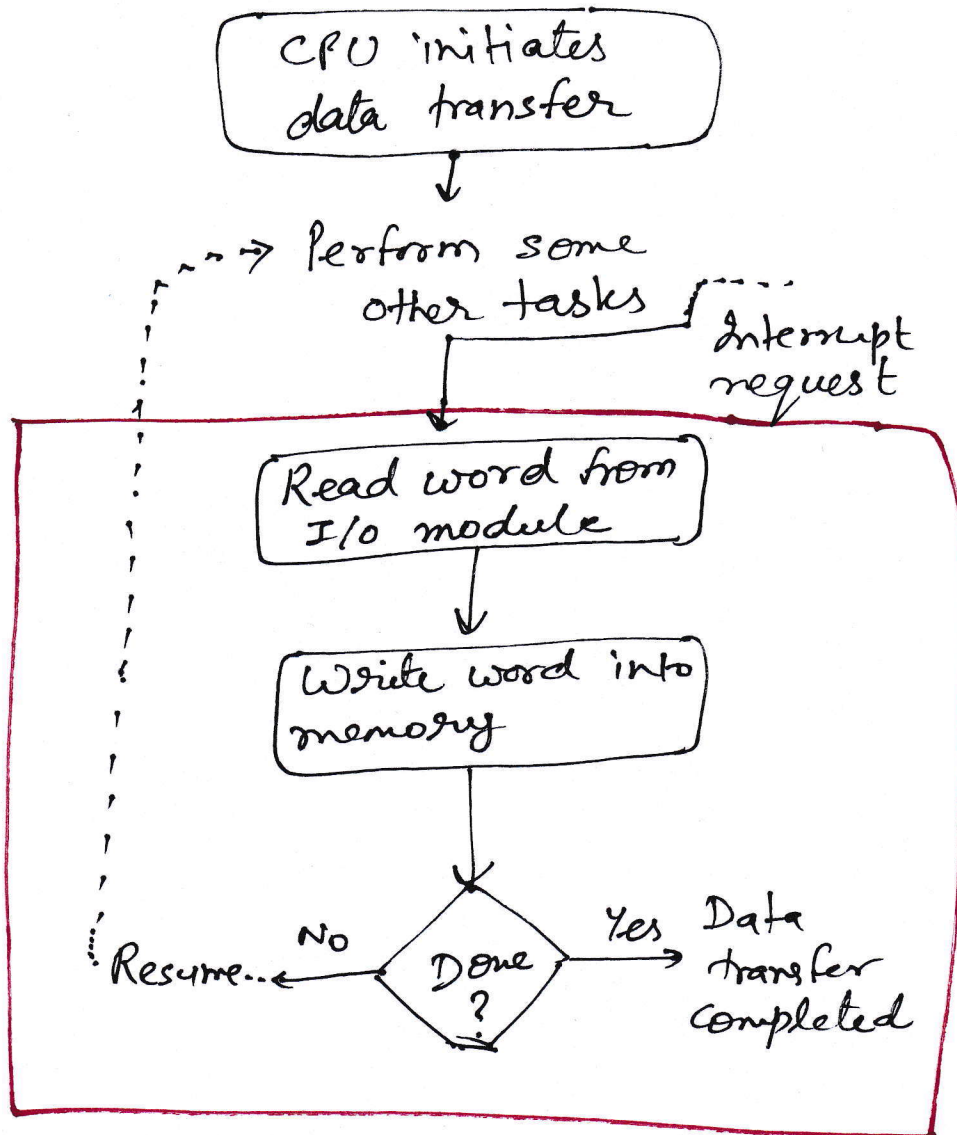
→ Lot of CPU time is wasted in this loop.

← cannot be used for high-speed devices.

→ Speed depends on the execution of time of code.

3

## Interrupt-driven data transfer:



- CPU time is not wasted.
- CPU time is required only during data transfer plus some overheads for transferring and returning control.