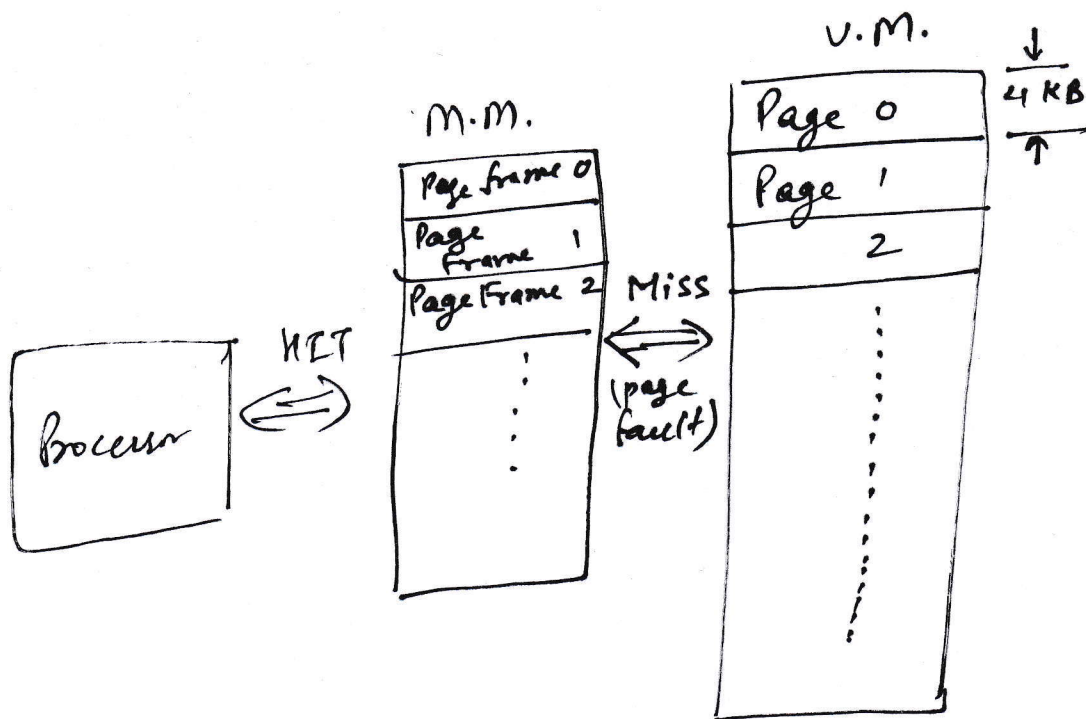# Virtual Memory Management

Virtual memory mgmt is used to transfer data from secondary memory (Hard disk) to primary memory (physical/main memory).



→ pages,
→ Page frames
→ HIT, MISS
→ ~~FIFO~~, Page fault
→ Page replacement
→ FIFO, LRU, LFU
→ Thrashing

# Paging Mechanism :

Virtual Address (Logical Address)

| Page Number desired | Location within page |
|---|---|
| (20) | (18) |

Page Table

| | |
|---|---|
| ... | ... |
| 20 | 35 |
| ... | ... |
| ... | ... |

Physical Address

| Page Frame Number | Location within page |
|---|---|
| e.g. (35) | (18) |