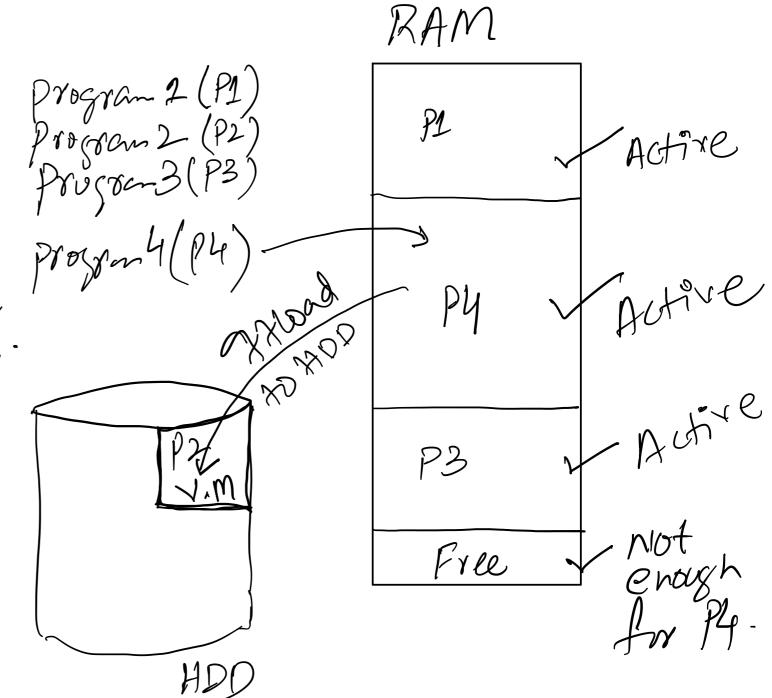
Virtual memory is a common technique used in computer's 0/s.
Viotual memory uses both transmere and software to enable a computer to compensate for physical memory strortages, temporarily transferring data from RAM to disk storage.

Viotual memory is a section of volatile memory created temporarily on the Storage device.



Era-ple explained:

-Suppose 3 computer programs are already 20aded in the RAM.

- Pl is boaded but inactive (not being used) for sometime.
- Vseu of the System tries to boad another program in RAM. Phy sequires memory that isn't available in RAM.
- -Operating System of this computer hors for the inactive programs. So that, those could be offlooded to the Hard Disk Drive (HDD).
- So, P2 mat is inactive for sometime will be copied offlooded into an area over the HDD, called virtual memory.
- This creates enough space for P'4 to be loaded into RAM.
 - Although P2 is not in RAM but Still use tranks that it is boaded and areintable.
 - When vser requires P2 again, 0/s finds an inactive program, shifts to NM and bods back P2 from xM to RAM.