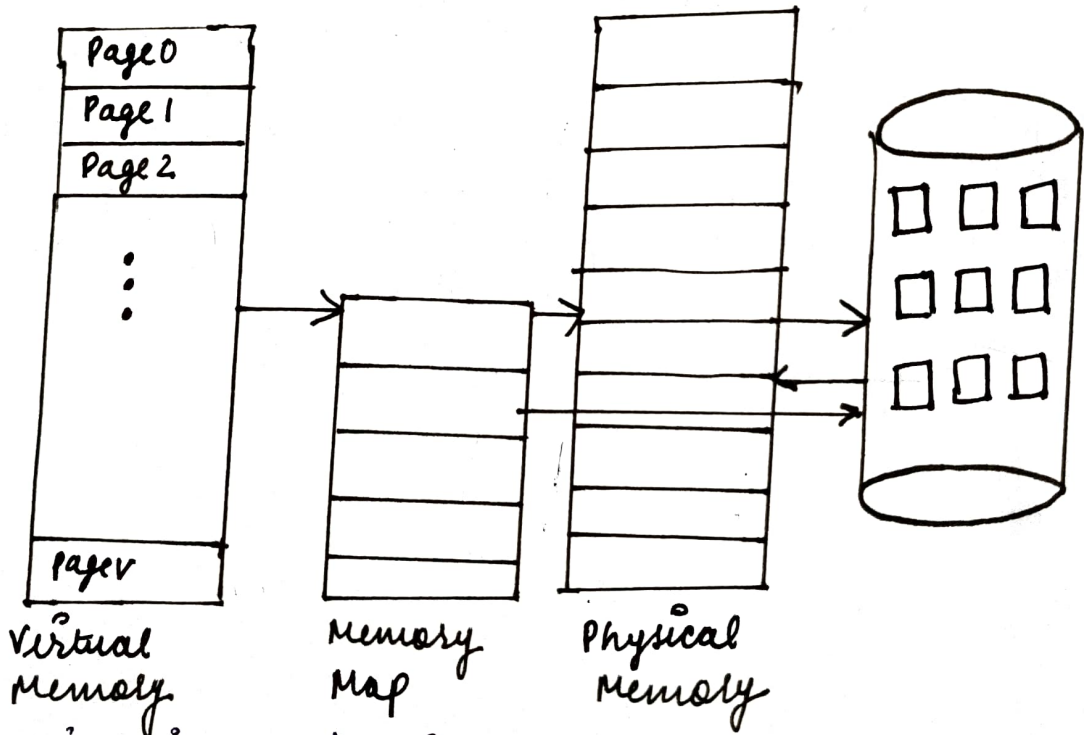


Sec-3 Virtual Memory:-

Ans-3 The computer can address more memory than the amount of memory physically installed on the system. This extra memory is called virtual memory. It is a section of hard disk that sets up to emulate the computer's RAM. Visible advantage is that programs could be larger than the physical memory.

Virtual memory serves two purposes:-

- (i) Extend the use of physical memory by using disk.
- (ii) Allows to have memory protection because each virtual address is translated to a physical address.



Batch processing is a technique in which an Operating System collects the programs and data together in a batch before processing starts.

Parallel operating systems are the interface between parallel computers and the applications that are executed on them. They translate hardware's capabilities into concepts usable by programming languages.