SWAPPING

This is mechanism in which a process can be swapped temporarily out of the main memory to secondary storage and make that memory   available for other process.

At some later time, the system swaps back the process from secondary storage to main memory.

Though performance in usually affected by swapping process but it helps in running multiple and big process in parallel and that's the reason swapping is also known as a technique for memory compaction .

memory compaction means free space is collected in a large memory chunk to make some space available for processes.

ADVANTAGES

- ❖ The process helps the CPU to manage multiple processes within the same main memory.

- ❖ The method helps to create   and use virtual memory.

- ❖ The method is economical.

- ❖ It makes CPU perform several tasks simultaneously.