MEMORY MANAGEMENT

Memory management is a function of the operating system that manages primary memory.

It keeps track of which parts of memory are in use and which are free.

Paging divides memory into fixed-size pages and uses a page table.

Paging avoids external fragmentation but may cause internal fragmentation.

Segmentation divides memory into variable-sized logical segments.

Segmentation supports logical grouping but suffers from external fragmentation.