

LAB ASSIGNMENT 3

OBJECTIVE

C program to simulate the MVT and MFT memory management techniques.

DESCRIPTION

MFT (Multiprogramming with a Fixed number of Tasks) is one of the old memory management techniques in which the memory is partitioned into fixed size partitions and each job is assigned to a partition. The memory assigned to a partition does not change. MVT (Multiprogramming with a Variable number of Tasks) is the memory management technique in which each job gets just the amount of memory it needs. That is, the partitioning of memory is dynamic and changes as jobs enter and leave the system. MVT is a more “efficient” user of resources. MFT suffers with the problem of internal fragmentation and MVT suffers with external fragmentation.