Abstract

The main goal of the study is to know how multiple processes [1] of a computer system is managed. Early computers used to work on uniprocessing while currently all computers work on multiprocessing. Many programs could be executed at a time concurrently, while earlier computers used to allow execution of only one program at a time. Computers now can load and execute multiple programs from different processes. These tasks could be performed concurrently and managed properly. A system consists of number of jobs and processes related to operating system and user has to execute system code and user code. Now the query is this- How all these processes are managed along with management of Operating system? There are numerous such queries which rise in one’s mind. A CPU can be made more productive by any operating system if CPU switches properly between processes. It is possible if CPU is synchronized by synchronization of processes.

References
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Index Terms

Computer Science  Information Sciences

Keywords

Process, Process States, Process Scheduling, Interprocess Communication, Process
Synchronization, Critical Section.