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.
An Approach to Process Management using Process Synchronization


Index Terms

Computer Science

Information Sciences

Keywords