- · OS acts as an intermediary among uses of computer & computer hardware.
- "Pipe is generally a connection to for two or more processes that one interrelated to each other.
- Startup. I.c. first code that is executed whenever computer system startups.
- Process synchronization is basically away to coordinate processes that use shared resources or data.
- · Virtual memory is a memory management technique feature of os that creates the illusion to users of a very Large (main) memory).
- Thread is a path of execution that is composed of a program counter, thread id, stale & set of registers within the process. It simply
- provides a way to improve and increan the performance of applications through parallelism.
- The process is basically a program that is currently under execution of main fraction of an os is to manage & handle all of these processes.
- A scheduling algorithm is a process that is used to improve efficiency by utilizing maximum CPU of providing minimum waiting time to tasks. In simple words, it is used to allocate resources among various competing tasks.
- computer hardware. (Jime-sharing systems)
- multiprocessing It is a system that allows multiple frarious processors to process two or more diff portroise of the same Issle simultaneously.

an blocked as each process is holding resources I wait to acquire resources held by another process.

conditions for deadlack to occur.

1. Mutual Exclusion 2. Hold & wait 8. No Pre-emphon
4. circular wait or Risonar wait

Bankus Argo is used to present deadlock.