1	Write a program to simulate use of Linux commands like cp, grep with the usage of fork () and exec () system calls. Also show the usage of wait (), getpid () and exit () system calls.
2	Write a program to simulate inter process communication mechanism using pipes and redirection.
3	Write a program using pthreads to demonstrate the reader writer synchronization problem. Implement appropriate synchronization.
4	Write a program to implement Banker's Algorithm for deadlock avoidance.
5	Write a program to simulate memory allocation techniques: First Fit, Best Fit.
6	Write a program to simulate memory allocation techniques: Next Fit and Worst Fit.
7	Write a program to implement scheduling algorithms – FCFS, SJF (Non Preemptive)
8	Write a program to implement scheduling algorithms –Round Robin (Preemptive)
9	Write a program to implement scheduling algorithms – FCFS, Priority (non Preemptive)

10	Write a program to implement scheduling algorithms –Priority (non preemptive)
11	Write a program to implement scheduling algorithms –SJF(preemptive)
12	Write a program to implement scheduling algorithms –Priority (preemptive)
13	Write a to implement paging replacement algorithms: Least Recently Used (LRU)
14	Write a to implement paging replacement algorithms: FCFS
15	Write a to implement paging replacement algorithms: Optimal algorithm
16	write a program to implement disk scheduling algorithms FIFO, SSTF
17	write a program to implement disk scheduling algorithms SCAN, C-SCAN