

CSL204 OPERATING SYSTEMS LAB

Exp. No	List of Experiments
1	Basic Linux commands
2	Familiarization of Linux System Calls
3	Shell programming
4	Implementation of CPU scheduling algorithms. a) FCFS b) SJF c) Round Robin d) Priority
5	Implementation of Inter Process Communication Using Shared Memory (Readers-Writers Problem)
6	Producer Consumer Problem Using Semaphores
7	Implementation of the Memory Allocation Methods for fixed partition a) First Fit b) Worst Fit c) Best Fit
8	Implement page replacement algorithms a) FIFO b) LRU c) LFU
9	Implement the banker's algorithm for deadlock avoidance.
10	Implementation of Deadlock detection algorithm
11	Simulate file allocation strategies. a) Sequential b) Indexed c) Linked
12	Simulate disk scheduling algorithms. a) FCFS b) SCAN c) C-SCAN
13	Programs using the I/O system calls of Linux operating system