NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR

Operating System Lab

NAME: DEPAK SINGH

Roll No.: 20bcs102

Subject Code: CS225

Submitted to - Dr.Rajeev Kumar

INDEX

Sr No.	Name of Experiment	Pg No.	Dates
1	IMPLEMENTATION OF SOME COMMON LINUX COMMANDS		
2	PROGRAMS TO SIMULATE SYSTEM CALLS (FORK AND PIPE).		
3	PROGRAM TO SIMULATE FIRST COME FIRST SERVE AND SHORTEST JOB FIRST SCHEDULING.		
4	PROGRAM TO SIMULATE SHORTEST REMAINING TIME AND PRIORITY SCHEDULING.		
5	PROGRAM TO DEMONSTRATE ROUND ROBIN SCHEDULING ALGORITHM.		
6	CREATE A DATA STRUCTURE TO IMPLEMENT LRU CACHE		
7	DISPLAY IP AND MAC ADDRESS OF A MACHINE		
8	PROGRAM TO SIMULATE DISK SCHEDULING ALGORITHMS (FCFS, SSTF & LOOK).		
9	PROGRAM TO SIMULATE BANKER'S ALGORITHM FOR DEADLOCK HANDLING.		
10	PROGRAM TO IMPLEMENT FIFO AND OPTIMAL PAGE REPLACEMENT STRATEGIES		
11	PROGRAM TO SIMULATE FIRST FIT AND BEST FIT MEMORY ALLOCATION ALGORITHMS		