

Practical File
on
CO 204 – Operating System Design



DELHI TECHNOLOGICAL UNIVERSITY

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S. No.	Experiments	Date	Sign
1.	Write a program to implement First Come First Served (FCFS) job scheduling algorithm.		
2.	Write a program to implement Shortest Job First (SJF) job scheduling algorithm.		
3.	Write a program to implement round robin job scheduling algorithm.		
4.	Write a program to implement priority scheduling algorithm.		
5.	Write a program to create a child process using fork() system call.		
6.	Write a program to design producer consumer problem using semaphores.		
7.	Write a program to implement Dining Philosophers Problem.		
8.	Write a program to implement banker's algorithm.		
9.	Write a program to implement First Fit, Best Fit, and Worst Fit memory allocation algorithms.		
10.	Write a program to implement First In First Out (FIFO) page replacement algorithm.		
11.	Write a program to implement Optimal page replacement algorithm.		
12.	Write a program to implement Least Recently Used (LRU) page replacement algorithm.		
13.	Write a program to implement Least Frequently Used (LFU) page replacement algorithm.		
14.	Write a program to implement Most Frequently Used (MFU) page replacement algorithm.		
15.	Write a program to implement First Come First		

	Served (FCFS) disk scheduling algorithm.		
16.	Write a program to implement SCAN disk scheduling algorithm.		
17.	Write a program to implement C-SCAN disk scheduling algorithm.		
18.	Write a program to implement LOOK disk scheduling algorithm.		
19.	Write a program to implement C-LOOK disk scheduling algorithm.		
20.	Write a program that performs the following file operations: a) to display list of files b) to create new directory c) to change the working directory		
21.	Write a program that performs the following file operations: a) to copy a file b) to move a file		