## **INDEX**

S.N	LABS	DATE	SIGNATURE
1.	Study of basic Commands in the Linux Operating System.	2081/05/31	
2.	Write a program for the implementation of Thread and Process.	2081/05/31	
3.	Write a C program for the implementation of the producer-consumer problem using Semaphores.	2081/05/31	
4.	Write a C program to Simulate the concept of the Dining-philosophers problem.	2081/05/31	
5.	Write a C program to simulate the following non- preemptive CPU scheduling algorithms to find turnaround time and waiting time. a)FCFS b) SJF c) Priority	2081/05/31	
6.	Write a C program to simulate the following preemptive CPU scheduling algorithms to find turnaround time and waiting time.  Round Robin b) Priority	2081/05/31	
7.	Program to Simulate Bankers Algorithm for Dead Lock Avoidance.	2081/05/31	
8.	Program to Simulate Bankers Algorithm for Dead Lock Prevention.	2081/05/31	
9.	Program to Simulate the MVT and MFT memory management techniques.	2081/05/31	
10.	Simulate paging technique of memory management.	2081/06/01	
11.	Write a C program to simulate the FIRST-FIT contiguous memory allocation technique.	2081/06/01	
12.	Write a C program to simulate the BEST FIT contiguous memory allocation technique.	2081/06/01	
13.	Write a C program to simulate the WORST-FIT contiguous memory allocation technique.	2081/06/01	

S.N	LABS	DATE	SIGNATURE
14.	Write a C program to simulate the FIFO page replacement algorithm.	2081/06/01	
15.	Write a C program to simulate the LRU page replacement algorithm.	2081/06/02	
16.	Write a C program to simulate the LFU page replacement algorithm.	2081/06/02	
17.	Write a C program to simulate the Optimal page replacement algorithm.	2081/06/02	
18.	Write a C program to simulate the following file organization techniques a) Single-level directory b) Two-level directory c) Hierarchical	2081/06/02	
19.	Write a program to Simulate all file allocation strategies a)Sequential b) Indexed c) Linked	2081/06/02	
20.	Write a C program to simulate disk scheduling algorithms. a)FCFS b) SCAN c) LOOK	2081/06/02	