## Index

Problem No.	Name of the Problem	Page
01	Write a C program to simulate the CPU scheduling algorithm - First Come First Serve.	01
02	Write a C program to simulate the CPU scheduling algorithm - Shortest Job First (SJF).	05
03	Write a C program to simulate the CPU scheduling algorithm - Priority Scheduling.	09
04	Write a C program to simulate the CPU scheduling algorithm - Round Robin.	13
05	Write a C program to simulate the Reader-Writers problem using semaphore.	17
06	Write a C program to simulate the concept of the Dining Philosophers problem.	21
07	Write a C program for Banker's algorithm for deadlock avoidance.	26
08	Write a C program to simulate the following contiguous memory allocation- a) Worst Fit b) Best Fit c) First Fit	31
09	Write a C program to implement page replacement technique- a) First In First Out (FIFO) replacement b) Least Recently Used (LRU) replacement c) Optimal replacement	39