

Indian Institute of Information Technology,
Vadodara International Campus Diu
Operating Systems Lab (CS363)
Assignment 4 (CPU Scheduling)

1. Write a C program to First-Come, First-Serve (**FCFS**) scheduling algorithm.
 - (a) Take input for the number of processes, their burst times, and arrival times
2. Write a C program to Shortest Job First (**SJF**) scheduling algorithm.
 - (a) Take input for the number of processes, their burst times, and arrival times
3. Write a C program to Longest Job First (**LJF**) scheduling algorithm.
 - (a) Take input for the number of processes, their burst times, and arrival times
4. Write a C program to Priority Scheduling algorithm.
 - (a) Take input for the number of processes, their burst times, arrival times, and priority levels.
5. Write a C program to Round Robin Scheduling algorithm
 - (a) Take input for the number of processes, their burst times, arrival times, and the time quantum
6. Write a C program to Multilevel Queue Scheduling algorithm.
 - (a) Take input for the number of processes, their burst times, arrival times, and priorities to decide their queues.