*Note: All experiments from experiment no 5 should follow the following format.*

**Date: 10/07/22 Experiment No-5**

CPU Scheduling Algorithms

**5.1 Aim:** To write a Menu driven program to implement FCFS and SJF CPU scheduling algorithm (Non Preemeptive). Read burst time and display the following.

a) Waiting time of each process.

b) Average waiting Time.

c) Turn Around Time of each process.

d) Average Turn Around Time.

e) Throughput.

**Algorithm**

1.

2.

3.

**Implementation**

/\* Roll No: B20CSB01

Name: Anas A

Name of the Experiment: FSFS and SJF Non preemptive \*/

/\*Sample Program\*/

**Output**

**Result:** Program is executed successfully and result is verified for all the test cases.

*(New Sheet)*

5.2 To write a Program to implement Pre-emptive SJF CPU Scheduling algorithm and calculate Average Waiting Time, Average Turn Around Time and Throughput of the system