

*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 Preemptive). 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**

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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