

## **LAB Assignment 5**

### **Operating Systems (UCS303)**

Write a program using C/C++/Java to simulate the FCFS, SJF (pre-emptive as well as non-preemptive approach). The scenario is: user may input n processes with respective CPU burst time and arrival time. System will ask the user to select the type of algorithm from the list mentioned above. System should display the waiting time for each process, average waiting time for the whole system, and final execution sequence.