**University of Engineering and Technology, Lahore**

**Operating Systems Lab.**

**Semester: 6th Session: 2019-23**

**Assignment-4 (Individual)**

**Submission Date:** -02-22 (Before 12:00 pm)

**Note**: Understanding the assignment is part of the assignment.

**AIM:**

To implement scheduling schemes!

**ALGORITHM:**

**1.** Your program will be given a list of processes, their CPU burst times and arrival times in a text file named data.txt (you can hardcode this name, no worries).

**2.** You need to print the individual wait time and average wait time for FCFS, SJF (preemptive , non-preemptive)

**3.** Data in file data.txt will be in the following format but can contain any number of processes. So make sure your approach is flexible.

**Process Burst-Time Arrival Time**

P1 10 2

P2 2 7

P3 7 11

P4 4 0

**Note:**

**You cannot change number of processes, Burst times and Arrival times.**

**You have to attach screenshot of your program’s execution.**