

**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.**