

Classwork CPU_Scheduling 1

1. Draw a Gantt Chart for a First Come First Serve (FCFS) scheduling algorithm and calculate the average waiting time.
 - a. If the processes arrive in the same order.
 - b. If the process comes in the order P2, P3, P1

Time	Process	Burst Time
0	P1	22
1	P2	4
2	P3	4

2. Draw a Gantt Chart and calculate the average waiting time for a Shortest Job First (SJF) scheduling algorithm. If all process is in ready state already. Compare with FCFS.

Process	Burst Time
P1	6
P2	8
P3	7
P4	3

3. Draw a Gantt Chart for a Shortest Remaining Time (SRT) scheduling algorithm.

Process	Arrival time	Burst Time
P1	0	8
P2	1	4
P3	2	9
P4	3	5

4. Draw Gantt chart for FCFS, SJF, SRT and calculate the average waiting time for each.

Process	Arrival time	Burst Time
P1	0	8
P2	1	4
P3	2	9
P4	3	5