

Consider the following set of processes, with the length of the CPU burst given in milliseconds:

Process	P1	P2	P3	P4	P5
Arrival Time	0	1	2	4	6
CPU Burst	9	4	7	6	2
Priority	3	1	5	4	2

- Draw Gantt charts that illustrate the execution of these processes using the following scheduling algorithms: FCFS, SJF, SRTF, Non pre-emptive and pre-emptive priority (a lower priority number implies a higher priority) and RR (quantum = 2)
- What is the turnaround time of each process for each of the scheduling algorithms in part a?
- What is the waiting time of each process for each of these scheduling algorithms?
- Which of the algorithms results in the minimum average waiting time (over all processes)?

Note: Each and every page of your assignment must have your register number and name