

OUTPUT SHORTEST JOB FIRST SCHEDULING :

```
akhil@linux ~/Desktop/PES2201800321-Akhil
akhil@linux ~/Desktop/PES2201800321-Akhil ./a.out
****Shortest Job First****
Enter number of jobs: 4

Enter Burst Time of 1 Process: 9
Enter Burst Time of 2 Process: 2
Enter Burst Time of 3 Process: 7
Enter Burst Time of 4 Process: 4

Job    Burst Time    Waiting Time    Turnaround Time
2       2             0              2
4       4             2              6
3       7             6             13
1       9            13            22

Average Waiting Time = 5.250000
Average Turnaround Time = 10.750000

akhil@linux ~/Desktop/PES2201800321-Akhil
```

OUTPUT PRIORITY SCHEDULING :

```
akhil@linux: ~/Desktop/PES2201800321-Akhil
akhil@linux: ~/Desktop/PES2201800321-Akhil gcc ps.c
akhil@linux: ~/Desktop/PES2201800321-Akhil ./a.out
Enter the number of jobs: 5

Enter Burst Time of 1 Process: 5
Enter Priority of 1 Process: 3
Enter Burst Time of 2 Process: 4
Enter Priority of 2 Process: 1
Enter Burst Time of 3 Process: 6
Enter Priority of 3 Process: 2
Enter Burst Time of 4 Process: 8
Enter Priority of 4 Process: 4
Enter Burst Time of 5 Process: 2
Enter Priority of 5 Process: 5
```

Job	Priority	Burst Time	Waiting Time	Turnaround Time
2	1	4	0	4
3	2	6	4	10
1	3	5	10	15
4	4	8	15	23
5	5	2	23	25

```
Average Waiting Time = 10.400000
Average Turnaround Time = 15.400000
```