

Srtn

```
Enter number of processes: 3
Enter Process ID, Arrival Time and Burst Time for process 1: 1 2 8
Enter Process ID, Arrival Time and Burst Time for process 2: 2 0 4
Enter Process ID, Arrival Time and Burst Time for process 3: 3 9 8

Gantt Chart:
| P[2] | P[1] | P[3] |

PID    AT    BT    WT    TAT    CT
1       2     8     2    10    12
2       0     4     0     4     4
3       9     8     3    11    20

Average Waiting Time = 1.67
Average Turnaround Time = 8.33
```

Sjf

```
Enter number of processes: 3
Enter Process ID, Arrival Time and Burst Time for process 1: 1 2 7
Enter Process ID, Arrival Time and Burst Time for process 2: 2 4 8
Enter Process ID, Arrival Time and Burst Time for process 3: 3 0 5

Gantt Chart:
| P[3] | P[1] | P[2] |
0   12   20   5

PID    AT    BT    WT    TAT
1       2     7     3    10
2       4     8     8    16
3       0     5     0     5

Average Waiting Time = 3.67
Average Turnaround Time = 10.33
```

Fcfs

```
Enter number of processes: 3
Enter Process ID, Arrival Time and Burst Time for process 1: 1 0 2
Enter Process ID, Arrival Time and Burst Time for process 2: 2 3 1
Enter Process ID, Arrival Time and Burst Time for process 3: 3 5 6

Gantt Chart:
| P1 | - | P2 | - | P3 |
0   2   3   4   5   11

PID    AT    BT    CT    TAT    WT
1       0     2     2     2     0
2       3     1     4     1     0
3       5     6    11     6     0

Average Turnaround Time = 3.00
Average Waiting Time = 0.00
```