

```

srn@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ gcc systemb.c -o sys
srn@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ ./systemb
Enter the number of processes: 4
Enter the burst time for each process:
P1: 6
P2: 8
P3: 7
P4: 3

Gantt Chart

P4| P1| P3| P2|
3 9 16 24

Average waiting time is 7.00
Average turnaround time is 13.00
srn@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ █

```

```

srn@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ gedit systemd.c
srn@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ gcc systemd.c -o systemd
srn@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ ./systemd
Enter the number of processes: 4
Enter the burst time for each process:
P1: 5
P2: 9
P3: 6
P4: 7
Enter the time quantum: 4

Process ID      Burst Time      Waiting Time      Turnaround Time
1                5                  12                  17
2                9                  18                  27
3                6                  17                  23
4                7                  19                  26

Average Waiting Time: 16.50
Average Turnaround Time: 23.25
srn@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ █

```

```
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ gedit systemd.c
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ gcc systemd.c -o s
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ ./systemd
Enter the number of processes: 4
Enter the burst time for each process:
P1: 5
P2: 9
P3: 6
P4: 7
Enter the time quantum: 4

Process ID      Burst Time      Waiting Time      Turnaround
1                5                  12                 17
2                9                  18                 27
3                6                  17                 23
4                7                  19                 26

Average Waiting Time: 16.50
Average Turnaround Time: 23.25
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$
```

```
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ gedit system.c
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ gcc system.c -
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$ ./system
Enter the number of processes: 4
Enter the burst time for each process:
P1: 10
P2: 5
P3: 8
P4: 3

Gantt Chart

P1 | P2 | P3 | P4 |
10 15 23 26

Average waiting time: 12.00
Average turnaround time: 18.50
srm@srm-HP-Pro-SFF-280-G9-Desktop-PC:~$
```

