OUTPUT:

```
PS G:\OS lab> gcc .\FCFS.c
PS G:\OS lab> .\a.exe
Enter the number of process: 5
Enter the arrival time and burst time of each process:
Process 1: 0
4
Process 2: 2
3
Process 3: 1
5
Process 4: 3
6
Process 5: 4
1

Process         Arrival Time    Burst Time    Completion Time Waiting Time    Turn Around Time
P[1]            0               4             4               0               4
P[2]            2               3             7               2               5
P[3]            1               5             12              6               11
P[4]            3               6             18              9               15
P[5]            4               1             19              14              15

Average Waiting Time: 6.20
Average Turn Around Time: 10.00
```

OUTPUT:

```
PS G:\OS lab> gcc .\RoundRobin.c
PS G:\OS lab> .\a.exe
Processes          Burst Time       Waiting Time      Turn Around Time
      1               5                  9                 14
      2               3                  9                 12
      3               1                  4                 5
      4               2                  5                 7
      5               3                  10                13

Average waiting time = 7.400000
Average turn around time = 10.200000
```

OUTPUT:

```
PS G:\OS lab> gcc .\SJF.c
PS G:\OS lab> .\a.exe
Enter the number of process: 5
Enter the arrival time and burst time of each process:
Process 1: 0
5
Process 2: 2
6
Process 3: 1
3
Process 4: 3
2
Process 5: 5
1

Process         Arrival Time    Burst Time     Completion Time Waiting Time    Turn Around Time
P[1]            0               5              5               0               5
P[2]            2               6              11              3               9
P[3]            1               3              14              10              13
P[4]            3               2              16              11              13
P[5]            5               1              17              11              12

Average Waiting Time: 7.00
PS G:\OS lab>
```

OUTPUT:

```
PS G:\OS lab> gcc .\PriorityScheduling.c
PS G:\OS lab> .\a.exe
Enter the number of processes
3
Enter the arrival time and burst time of each process
0
5
2
6
1
8
Process ID      Arrival Time    Burst Time      Waiting Time    Turn Around Time
1               0               5               0               5
2               2               6               3               9
3               1               8               10              18


Process ID      Priority        Waiting Time    Turn Around Time
1               5               0               5
2               6               3               9
3               8               10              18
```