BULIAG CPU SCHEDULING MINI-PROJECT

OUTPUT

```
My Pc@DESKTOP-Q3I2I77 MINGW64 /c/4TH YEAR/OPERATING SYSTEM/activity
$ python cpu_scheduling.py --algo FCFS
== FCFS ==
Gantt: [P1:0-7][P2:7-11][P3:11-12][P4:12-16][P5:16-19]
Per-process (W / T / R):
P1: 0 / 7 / 0
P2: 5 / 9 / 5
P3: 7 / 8 / 7
P4: 7 / 11 / 7
P5: 10 / 13 / 10
Averages: Waiting 5.8, Turnaround 9.6, Response 5.8
```

```
My Pc@DESKTOP-Q3I2I77 MINGW64 /c/4TH YEAR/OPERATING SYSTEM/activity
$ python cpu_scheduling.py --algo RR --quantum 2
== Round Robin (q=2) ==
Gantt: [P1:0-2][P2:2-4][P1:4-6][P3:6-7][P2:7-9][P4:9-11][P5:11-13][P1:13-15][P4:15-17][P5:17-18][P1:18-19]
Per-process (W / T / R):
P1: 12 / 19 / 0
P2: 3 / 7 / 0
P3: 2 / 3 / 2
P4: 8 / 12 / 4
P5: 9 / 12 / 5
Averages: Waiting 6.8, Turnaround 10.6, Response 2.2
```

```
My Pc@DESKTOP-Q3I2I77 MINGW64 /c/4TH YEAR/OPERATING SYSTEM/activity
$ python cpu_scheduling.py --algo SJF
== SJF (Non-preemptive) ==
Gantt: [P1:0-7][P3:7-8][P5:8-11][P2:11-15][P4:15-19]
Per-process (W / T / R):
P1: 0 / 7 / 0
P2: 9 / 13 / 9
P3: 3 / 4 / 3
P4: 10 / 14 / 10
P5: 2 / 5 / 2
Averages: Waiting 4.8, Turnaround 8.6, Response 4.8
```