

```
[ang24@unix1:~/453/labs/lab2/posix-Scheduler $ ./fcfs schedule.txt
```

```
Scheduling and executing tasks...
```

```
Running task = [T1] [4] [20] for 20 units.
```

```
Running task = [T2] [3] [25] for 25 units.
```

```
Running task = [T3] [3] [25] for 25 units.
```

```
Running task = [T4] [5] [15] for 15 units.
```

```
Running task = [T5] [5] [20] for 20 units.
```

```
Running task = [T6] [1] [10] for 10 units.
```

```
Running task = [T7] [3] [30] for 30 units.
```

```
Running task = [T8] [10] [25] for 25 units.
```

```
Average turnaround time: 94 ms
```

```
Average waiting time: 565 ms
```

```
Average response time: 565 ms
```

```
[ang24@unix1:~/453/labs/lab2/posix-Scheduler $ ./sjf schedule.txt
```

```
Scheduling and executing tasks...
```

```
Running task = [T6] [1] [10] for 10 units.
```

```
Running task = [T4] [5] [15] for 15 units.
```

```
Running task = [T1] [4] [20] for 20 units.
```

```
Running task = [T5] [5] [20] for 20 units.
```

```
Running task = [T2] [3] [25] for 25 units.
```

```
Running task = [T3] [3] [25] for 25 units.
```

```
Running task = [T8] [10] [25] for 25 units.
```

```
Running task = [T7] [3] [30] for 30 units.
```

```
Average turnaround time: 82 ms
```

```
Average waiting time: 394 ms
```

```
Average response time: 394 ms
```

```
[ang24@unix1:~/453/labs/lab2/posix-Scheduler $ ./priority schedule.txt
```

```
Scheduling and executing tasks...
```

```
Running task = [T8] [10] [25] for 25 units.
```

```
Running task = [T4] [5] [15] for 15 units.
```

```
Running task = [T5] [5] [20] for 20 units.
```

```
Running task = [T1] [4] [20] for 20 units.
```

```
Running task = [T2] [3] [25] for 25 units.
```

```
Running task = [T3] [3] [25] for 25 units.
```

```
Running task = [T7] [3] [30] for 30 units.
```

```
Running task = [T6] [1] [10] for 10 units.
```

```
Average turnaround time: 127 ms
```

```
Average waiting time: 735 ms
```

```
Average response time: 735 ms
```



```
[ang24@unix1:~/453/labs/lab2/posix-Scheduler $ ./rr schedule.txt
```

```
Scheduling and executing tasks...
```

```
Running task = [T1] [4] [20] for 10 units.
```

```
Running task = [T2] [3] [25] for 10 units.
```

```
Running task = [T3] [3] [25] for 10 units.
```

```
Running task = [T4] [5] [15] for 10 units.
```

```
Running task = [T5] [5] [20] for 10 units.
```

```
Running task = [T6] [1] [10] for 10 units.
```

```
Running task = [T7] [3] [30] for 10 units.
```

```
Running task = [T8] [10] [25] for 10 units.
```

```
Running task = [T1] [4] [10] for 10 units.
```

```
Running task = [T2] [3] [15] for 10 units.
```

```
Running task = [T3] [3] [15] for 10 units.
```

```
Running task = [T4] [5] [5] for 5 units.
```

```
Running task = [T5] [5] [10] for 10 units.
```

```
Running task = [T7] [3] [20] for 10 units.
```

```
Running task = [T8] [10] [15] for 10 units.
```

```
Running task = [T2] [3] [5] for 5 units.
```

```
Running task = [T3] [3] [5] for 5 units.
```

```
Running task = [T7] [3] [10] for 10 units.
```

```
Running task = [T8] [10] [5] for 5 units.
```

```
Average turnaround time: 178 ms
```

```
Average waiting time: 6314 ms
```

```
Average response time: 6314 ms
```

```
[ang24@unix1:~/453/labs/lab2/posix-Scheduler $ ./priority_rr schedule.txt
```

```
Scheduling and executing tasks...
```

```
Running task = [T8] [10] [25] for 25 units.
```

```
Running task = [T4] [5] [15] for 10 units.
```

```
Running task = [T5] [5] [20] for 10 units.
```

```
Running task = [T4] [5] [5] for 5 units.
```

```
Running task = [T5] [5] [10] for 10 units.
```

```
Running task = [T1] [4] [20] for 20 units.
```

```
Running task = [T2] [3] [25] for 10 units.
```

```
Running task = [T3] [3] [25] for 10 units.
```

```
Running task = [T7] [3] [30] for 10 units.
```

```
Running task = [T2] [3] [15] for 10 units.
```

```
Running task = [T3] [3] [15] for 10 units.
```

```
Running task = [T7] [3] [20] for 10 units.
```

```
Running task = [T2] [3] [5] for 5 units.
```

```
Running task = [T3] [3] [5] for 5 units.
```

```
Running task = [T7] [3] [10] for 10 units.
```

```
Running task = [T6] [1] [10] for 10 units.
```

```
Average turnaround time: 118 ms
```

```
Average waiting time: 2889 ms
```

```
Average response time: 2889 ms
```

```
ang24@unix1:~/453/labs/lab2/posix-Scheduler $
```