1. schedule_fcfs.c

```
[cssuwbstudent@LinuxMachine schedule_algorithm]$ ./fcfs schedule.txt
Running task = [T1] [4] [20] for 20 units.
        Time is now: 20
Running task = [T2] [3] [25] for 25 units.
        Time is now: 45
Running task = [T3] [3] [25] for 25 units.
        Time is now: 70
Running task = [T4] [5] [15] for 15 units.
        Time is now: 85
Running task = [T5] [5] [20] for 20 units.
        Time is now: 105
Running task = [T6] [1] [10] for 10 units.
        Time is now: 115
Running task = [T7] [3] [30] for 30 units.
        Time is now: 145
Running task = [T8] [10] [25] for 25 units.
        Time is now: 170
```

2. schedule_sjf.c

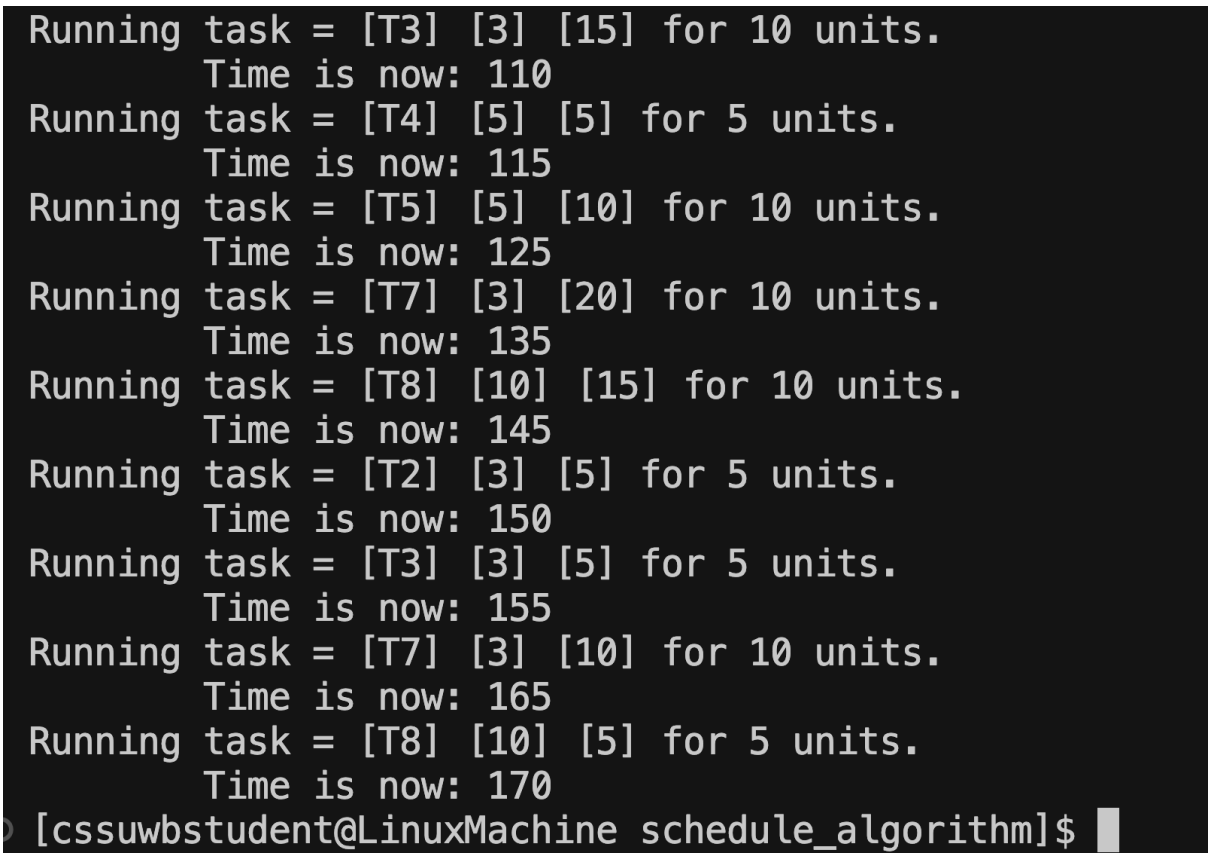
```
[cssuwbstudent@LinuxMachine schedule_algorithm]$ ./sjf schedule.txt
Running task = [T6] [1] [10] for 10 units.
        Time is now: 10
Running task = [T4] [5] [15] for 15 units.
        Time is now: 25
Running task = [T1] [4] [20] for 20 units.
        Time is now: 45
Running task = [T5] [5] [20] for 20 units.
        Time is now: 65
Running task = [T2] [3] [25] for 25 units.
        Time is now: 90
Running task = [T3] [3] [25] for 25 units.
        Time is now: 115
Running task = [T8] [10] [25] for 25 units.
        Time is now: 140
Running task = [T7] [3] [30] for 30 units.
        Time is now: 170
```

3. schedule_priority.c

```
[cssuwbstudent@LinuxMachine schedule_algorithm]$ ./priorit
y schedule.txt
Running task = [T8] [10] [25] for 25 units.
        Time is now: 25
Running task = [T4] [5] [15] for 15 units.
        Time is now: 40
Running task = [T5] [5] [20] for 20 units.
        Time is now: 60
Running task = [T1] [4] [20] for 20 units.
        Time is now: 80
Running task = [T2] [3] [25] for 25 units.
        Time is now: 105
Running task = [T3] [3] [25] for 25 units.
        Time is now: 130
Running task = [T7] [3] [30] for 30 units.
        Time is now: 160
Running task = [T6] [1] [10] for 10 units.
        Time is now: 170
[cssuwbstudent@LinuxMachine schedule_algorithm]$
```

4. schedule_rr.c

```
[cssuwbstudent@LinuxMachine schedule_algorithm]$ ./rr sche
dule.txt
Running task = [T1] [4] [20] for 10 units.
        Time is now: 10
Running task = [T2] [3] [25] for 10 units.
        Time is now: 20
Running task = [T3] [3] [25] for 10 units.
        Time is now: 30
Running task = [T4] [5] [15] for 10 units.
        Time is now: 40
Running task = [T5] [5] [20] for 10 units.
        Time is now: 50
Running task = [T6] [1] [10] for 10 units.
        Time is now: 60
Running task = [T7] [3] [30] for 10 units.
        Time is now: 70
Running task = [T8] [10] [25] for 10 units.
        Time is now: 80
Running task = [T1] [4] [10] for 10 units.
        Time is now: 90
Running task = [T2] [3] [15] for 10 units.
        Time is now: 100
```



5. schedule_priority_rr.c

```
[cssuwbstudent@LinuxMachine schedule_algorithm]$ ./priorit
y_rr schedule.txt
Running task = [T8] [10] [25] for 10 units.
        Time is now: 10
Running task = [T8] [10] [15] for 10 units.
        Time is now: 20
Running task = [T8] [10] [5] for 5 units.
        Time is now: 25
Running task = [T4] [5] [15] for 10 units.
        Time is now: 35
Running task = [T5] [5] [20] for 10 units.
        Time is now: 45
Running task = [T4] [5] [5] for 5 units.
        Time is now: 50
Running task = [T5] [5] [10] for 10 units.
        Time is now: 60
Running task = [T1] [4] [20] for 10 units.
        Time is now: 70
Running task = [T1] [4] [10] for 10 units.
        Time is now: 80
Running task = [T2] [3] [25] for 10 units.
        Time is now: 90
Running task = [T3] [3] [25] for 10 units.
        Time is now: 100
Running task = [T7] [3] [30] for 10 units.
        Time is now: 110
Running task = [T2] [3] [15] for 10 units.
        Time is now: 120
Running task = [T3] [3] [15] for 10 units.
        Time is now: 130
Running task = [T7] [3] [20] for 10 units.
        Time is now: 140
Running task = [T2] [3] [5] for 5 units.
        Time is now: 145
Running task = [T3] [3] [5] for 5 units.
        Time is now: 150
Running task = [T7] [3] [10] for 10 units.
        Time is now: 160
Running task = [T6] [1] [10] for 10 units.
        Time is now: 170
[cssuwbstudent@LinuxMachine schedule_algorithm]$
```

Total : 25/25

Bonus : 2

First 3: FCFS, SJF, Priority

Last 2: RR and Priority_rr

Total:27/25