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ch 5

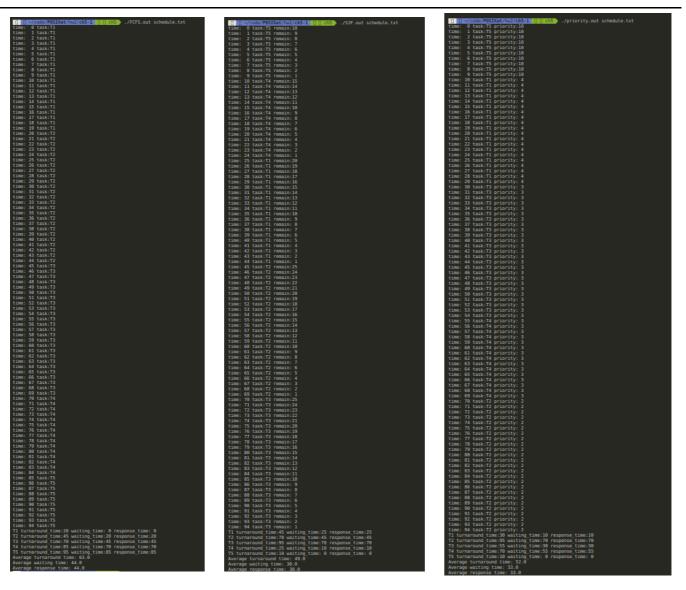
run

```
make

./FCFS.out schedule.txt
./SJF.out schedule.txt
./priority.out schedule.txt
./RR.out schedule.txt
./priority_RR.out schedule.txt
```

screenshot

FCFS SJF priority



RR (quantum = 4)

priority_RR (quantum = 4)

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RR (quantum = 4)

priority_RR (quantum = 4)

```
pe response tune: 8.0 
squbuntu:~/Besktop/ch5_2$ ./priority_RR.out schedule.txt 
0 task:T2 brust:25 priority: 2 
1 task:T2 brust:24 priority: 2 
2 task:T2 brust:23 priority: 2 
3 task:T2 brust:22 priority: 2 
4 task:T2 brust:21 priority: 2 
5 task:T2 brust:21 priority: 2
                                                                            ty_RR.C -o priority_RR.out
ntu:~/Desktop/ch5_2$ ./RR.out schedule.txt
nvidia@ubuntu:-/Desktop/ch
tine: 0 task:T1 brust:20
tine: 1 task:T1 brust:19
tine: 2 task:T1 brust:19
tine: 3 task:T1 brust:18
tine: 3 task:T1 brust:15
tine: 5 task:T2 brust:25
tine: 6 task:T2 brust:22
tine: 6 task:T2 brust:22
tine: 8 task:T3 brust:25
tine: 9 task:T3 brust:25
tine: 9 task:T3 brust:23
tine: 11 task:T3 brust:23
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tine: 12 task:T4 brust:14
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time: 15 task:T5 brust:12
time: 16 task:T5 brust:19
time: 17 task:T5 brust: 9
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time: 19 task:T2 brust: 6 priority:
time: 20 task:T2 brust: 5 priority:
time: 21 task:T2 brust: 4 priority:
time: 22 task:T2 brust: 2 priority:
time: 23 task:T2 brust: 2 priority:
time: 25 task:T3 brust: 1 priority:
time: 25 task:T3 brust: 25 priority:
time: 26 task:T3 brust:24 priority:
time: 27 task:T3 brust:24 priority:
time: 27 task:T3 brust:23 priority:
   time: 25 task:T2 brust:13
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time: 31 task:T4 brust:13 priority:
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time: 34 task:T4 brust: 9
time: 35 task:T5 brust: 8
time: 36 task:T5 brust: 6
time: 37 task:T5 brust: 5
time: 38 task:T5 brust: 4
time: 39 task:T5 brust: 3
time: 48 task:T1 brust:12
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tine: 39 task:T4 brust: 9 priority:
tine: 49 task:T4 brust: 9 priority:
tine: 41 task:T3 brust:17 priority:
tine: 42 task:T3 brust:15 priority:
tine: 43 task:T3 brust:16 priority:
tine: 44 task:T3 brust:16 priority:
tine: 45 task:T4 brust: 7 priority:
tine: 46 task:T4 brust: 6 priority:
tine: 47 task:T4 brust: 5 priority:
tine: 48 task:T4 brust: 9 priority:
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time: 44 task:T2 brust:17
time: 45 task:T2 brust:16
time: 46 task:T2 brust:16
time: 47 task:T2 brust:14
time: 49 task:T3 brust:16
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time: 51 task:T3 brust:14
time: 52 task:T4 brust: 7
time: 53 task:T4 brust: 6
time: 54 task:T4 brust: 5
time: 55 task:T5 brust: 2
time: 56 task:T5 brust: 2
time: 57 task:T5 brust: 1
time: 58 task:T1 brust: 7
time: 59 task:T1 brust: 7
time: 60 task:T1 brust: 7
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time: 57 task:T3 brust: 9 priority:
time: 58 task:T3 brust: 6 priority:
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time: 60 task:T3 brust: 5 priority:
time: 61 task:T3 brust: 4 priority:
time: 62 task:T3 brust: 2 priority:
time: 63 task:T3 brust: 2 priority:
time: 63 task:T3 brust: 2 priority:
time: 64 task:T3 brust: 2 priority:
   time: 60 task:T1 brust: 5
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time: 63 task:T2 brust:12
time: 64 task:T2 brust:11
time: 65 task:T2 brust:18
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time: 65 task:71 brust:28 priority:
time: 65 task:71 brust:19 priority:
time: 67 task:71 brust:18 priority:
time: 68 task:71 brust:17 priority:
   time: 65 task:73 brust:13
time: 67 task:T3 brust:13
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time: 79 task:T4 brust: 3
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time: 71 task:71 brust:14 priority:
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time: 73 task:71 brust:12 priority:
 time: 79 task:T4 brust: 2
time: 71 task:T4 brust: 2
time: 72 task:T4 brust: 1
time: 73 task:T1 brust: 4
time: 74 task:T1 brust: 3
time: 75 task:T1 brust: 2
time: 76 task:T1 brust: 1
time: 77 task:T2 brust: 9
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time: 73 task:T1 brust:12 priority: 4
time: 74 task:T1 brust:11 priority: 4
time: 75 task:T1 brust:19 priority: 4
time: 75 task:T1 brust: 9 priority: 4
time: 77 task:T1 brust: 9 priority: 4
time: 77 task:T1 brust: 9 priority: 4
time: 78 task:T1 brust: 6 priority: 4
time: 80 task:T1 brust: 5 priority: 4
time: 81 task:T1 brust: 5 priority: 4
time: 81 task:T1 brust: 3 priority: 4
time: 82 task:T1 brust: 2 priority: 4
time: 83 task:T1 brust: 1 priority: 4
time: 84 task:T1 brust: 2 priority: 4
time: 85 task:T5 brust: 9 priority: 18
time: 86 task:T5 brust: 9 priority:18
time: 87 task:T5 brust: 9 priority:18
time: 88 task:T5 brust: 6 priority:18
time: 90 task:T5 brust: 6 priority:18
time: 91 task:T5 brust: 5 priority:18
time: 92 task:T5 brust: 3 priority:18
time: 93 task:T5 brust: 2 priority:18
time: 93 task:T5 brust: 2 priority:18
time: 94 task:T5 brust: 2 priority:18
T1 turnaround time:25 waiting_time: 0 response_time:05
T2 turnaround time:25 waiting_time: 0 response_time:05
   time: 78 task:T2 brust:
time: 79 task:T2 brust:
time: 80 task:T2 brust:
   time: 81 task:T3 brust:
time: 82 task:T3 brust:
   time: 83 task:T3 brust:
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time: 85 task:T2 brust:
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time: 87 task:T2 brust:
   time: 88 task:T2 brust:
time: 89 task:T3 brust:
time: 90 task:T3 brust:
time: 91 task:T3 brust:
time: 92 task:T3 brust:
     time: 93 task:T2 brust: 1
time: 94 task:T3 brust: 1
T1 turnaround_time:77 waiting_time:57 response_time: 0
   T1 turnaround time:77 waiting time:57 response time: 0
T2 turnaround_time:94 waiting_time:09 response_time: 8
T3 turnaround_time:95 waiting_time:70 response_time: 8
T4 turnaround_time:73 waiting_time:58 response_time:12
T5 turnaround_time:58 waiting_time:48 response_time:10
Average turnaround time: 79.4
Average waiting_time: 00.4
Average response_time: 8.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                            T2 turnaround time:25 waiting time: 0 response time: 0
T3 turnaround time:25 waiting time:40 response time:25
T4 turnaround time:55 waiting time:40 response time:25
T5 turnaround time:95 waiting time:85 response time:85
Average turnaround time: 65.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Average waiting time: 46.2
Average response time: 40.8
```