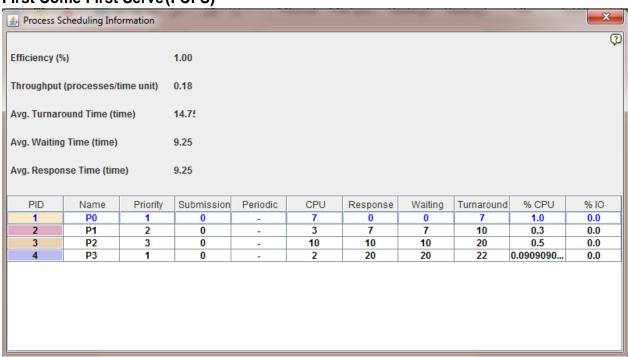
Nama: Aulia Putri R NIM: L200180156

Kelas: D

#### Soal

Proses	Arrival Time	Burst Time	Service Time	Priority
P0	0	7	0	1
P1	1	3	7	2
P2	2	10	10	3
P3	3	2	20	1

1. First Come First Serve(FCFS)



Process	Waiting Time
P0	0
P1	7
P2	10

P3	20
Avg Waiting Time	9.25
Avg Turn Around	14.75
Avg Response	9.25

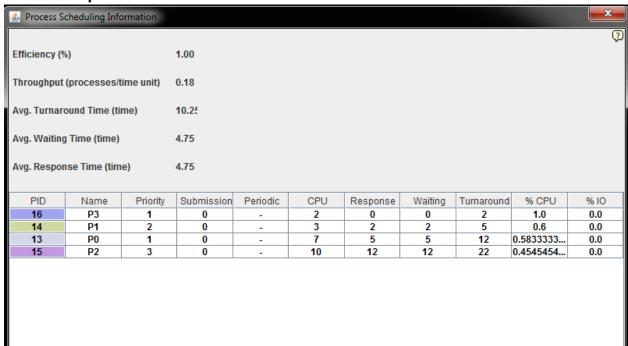
## 2. Shortest Job First (SJF)

# a. Preemptive



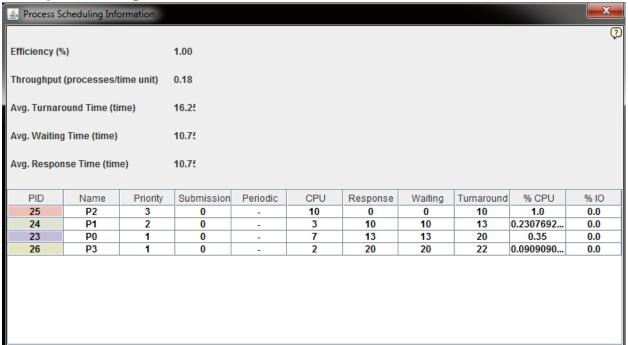
Process	Waiting Time
P3	0
P1	2
P0	5
P2	12
Avg Waiting Time	4.75
Avg Turn Around	10.25
Avg Response	4.75

#### b. Non Preemptive



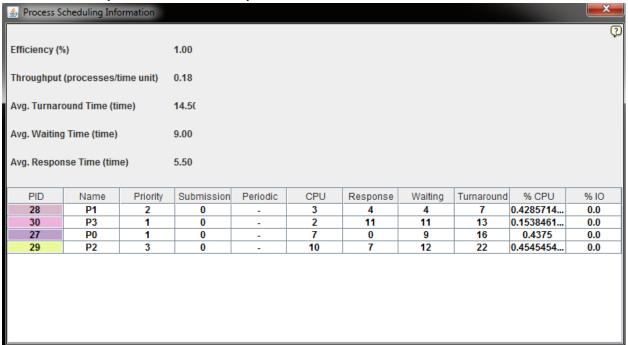
Waiting Time
0
2
5
12
4.75
10.25
4.75

### 3. Priority Scheduling



Process	Waiting Time
P2	0
P1	10
P0	13
P3	20
Avg Waiting Time	10.75
Avg Turn Around	16.25
Avg Response	10.75

#### 4. Round Robin (Quantum Time = 4)



Process	Waiting Time
P1	4
P3	11
P0	9
P2	12
Avg Waiting Time	9
Avg Turn Around	14.5
Avg Response	5.50