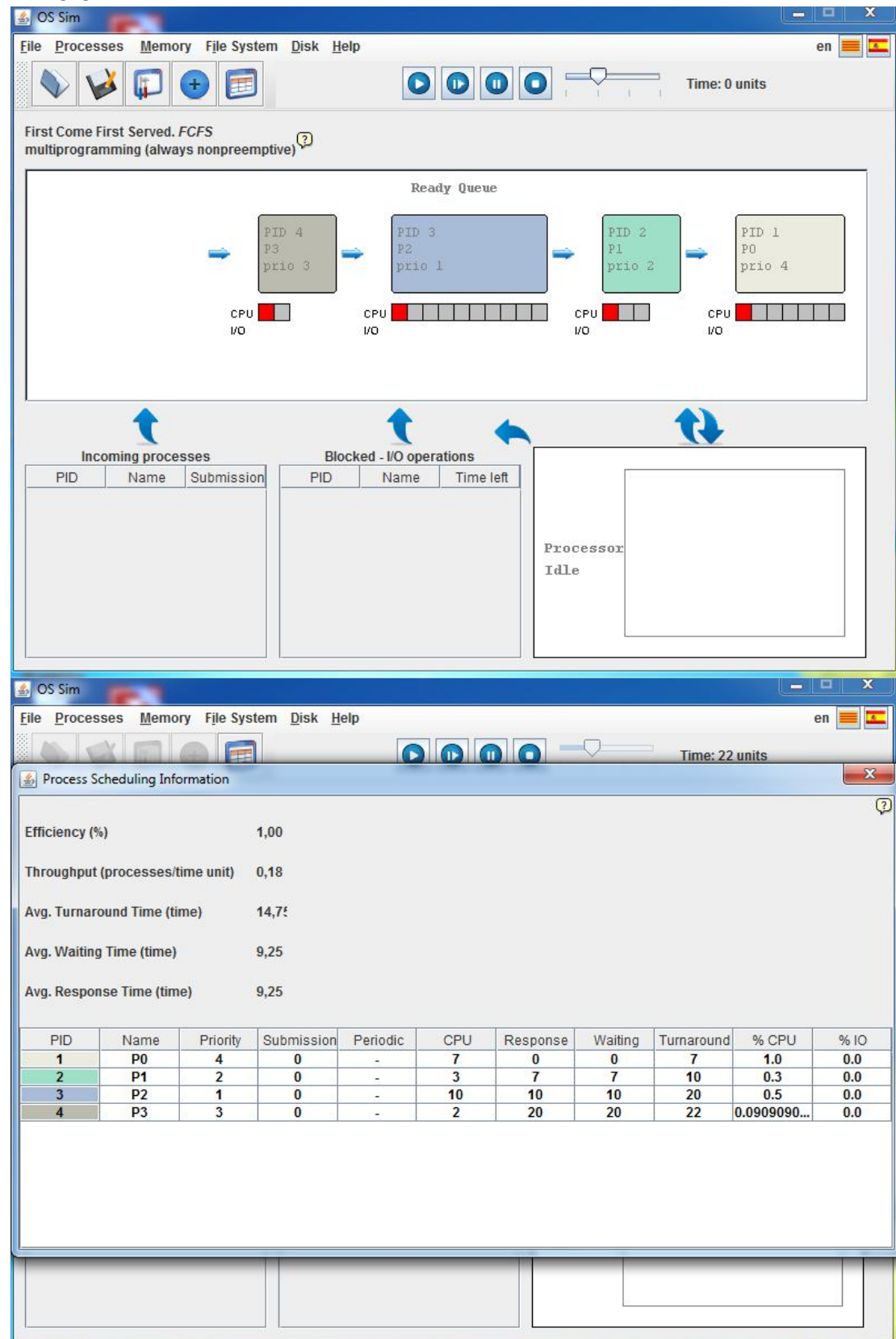


NAMA : FAKHAR SWASTIKA AL-BAIHAQI  
NIM : L200180183  
KELAS : D

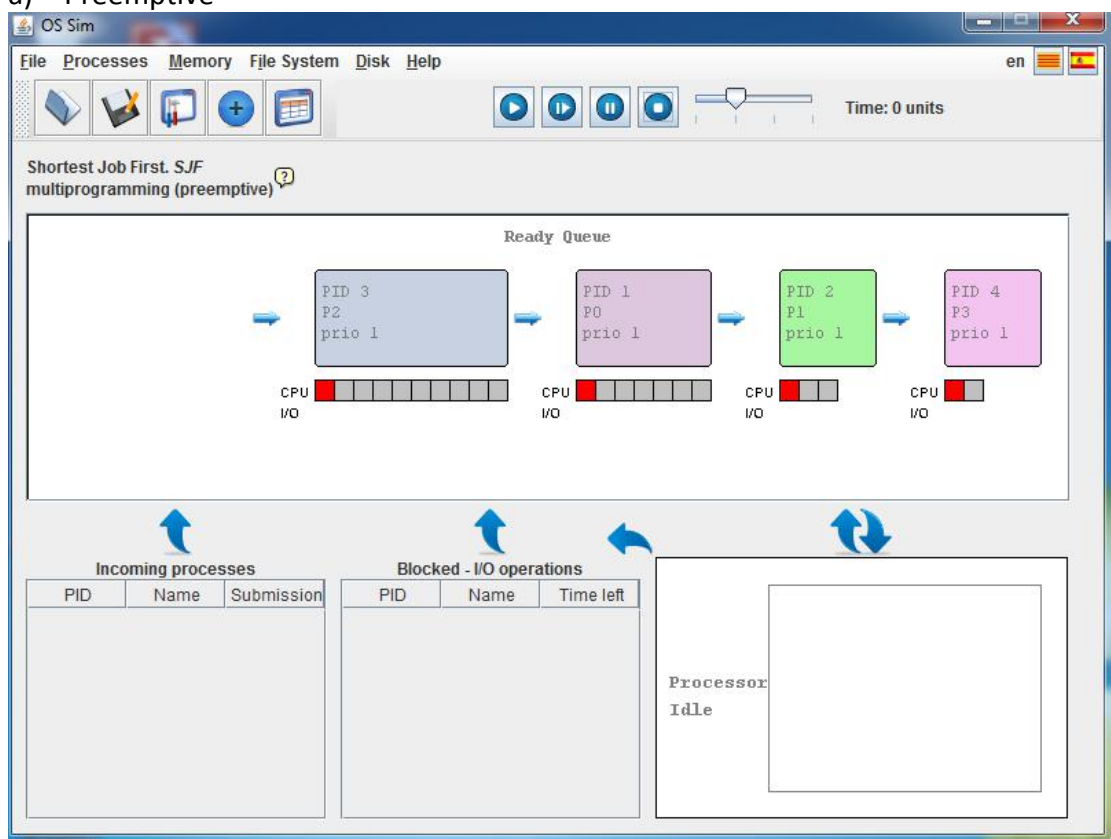
## 1. FCFS

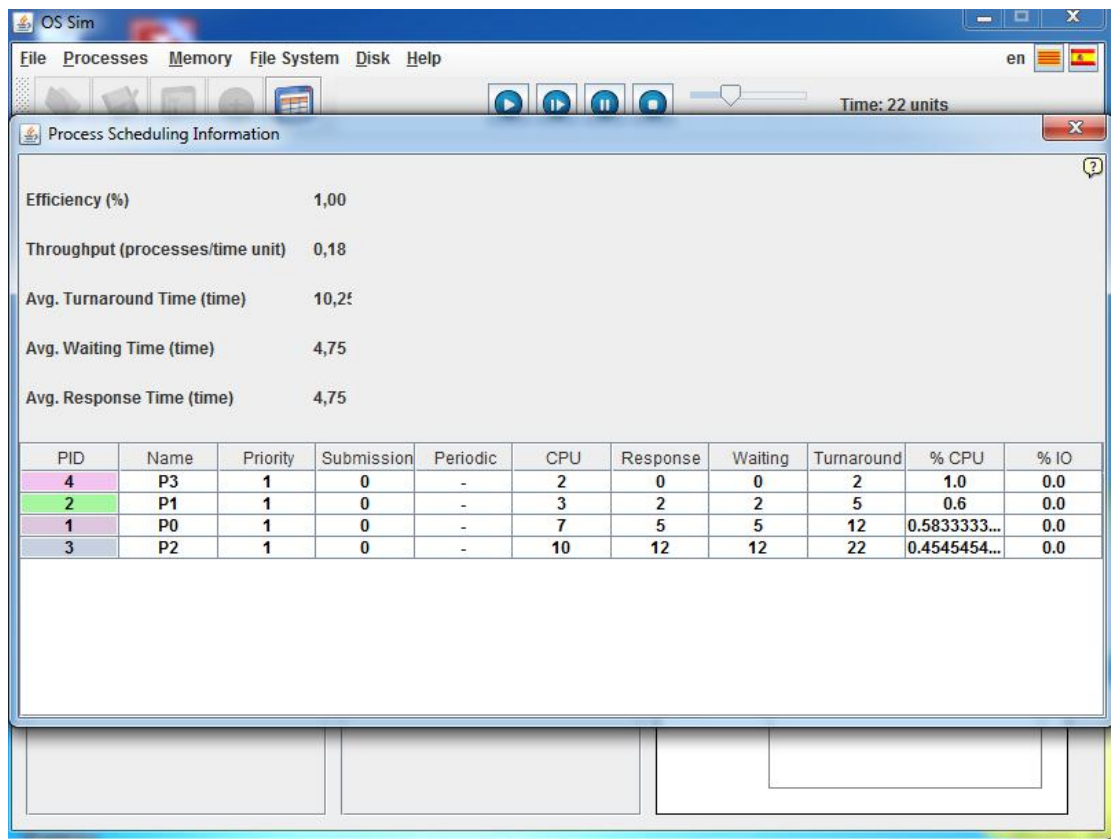


| Process             | Waiting Time |
|---------------------|--------------|
| P0                  | 0            |
| P1                  | 7            |
| P2                  | 10           |
| P3                  | 20           |
| AverageWaiting Time | 9.25         |
| Average Turnaround  | 14.75        |
| Average Respon      | 9.25         |

## 2. SJFS

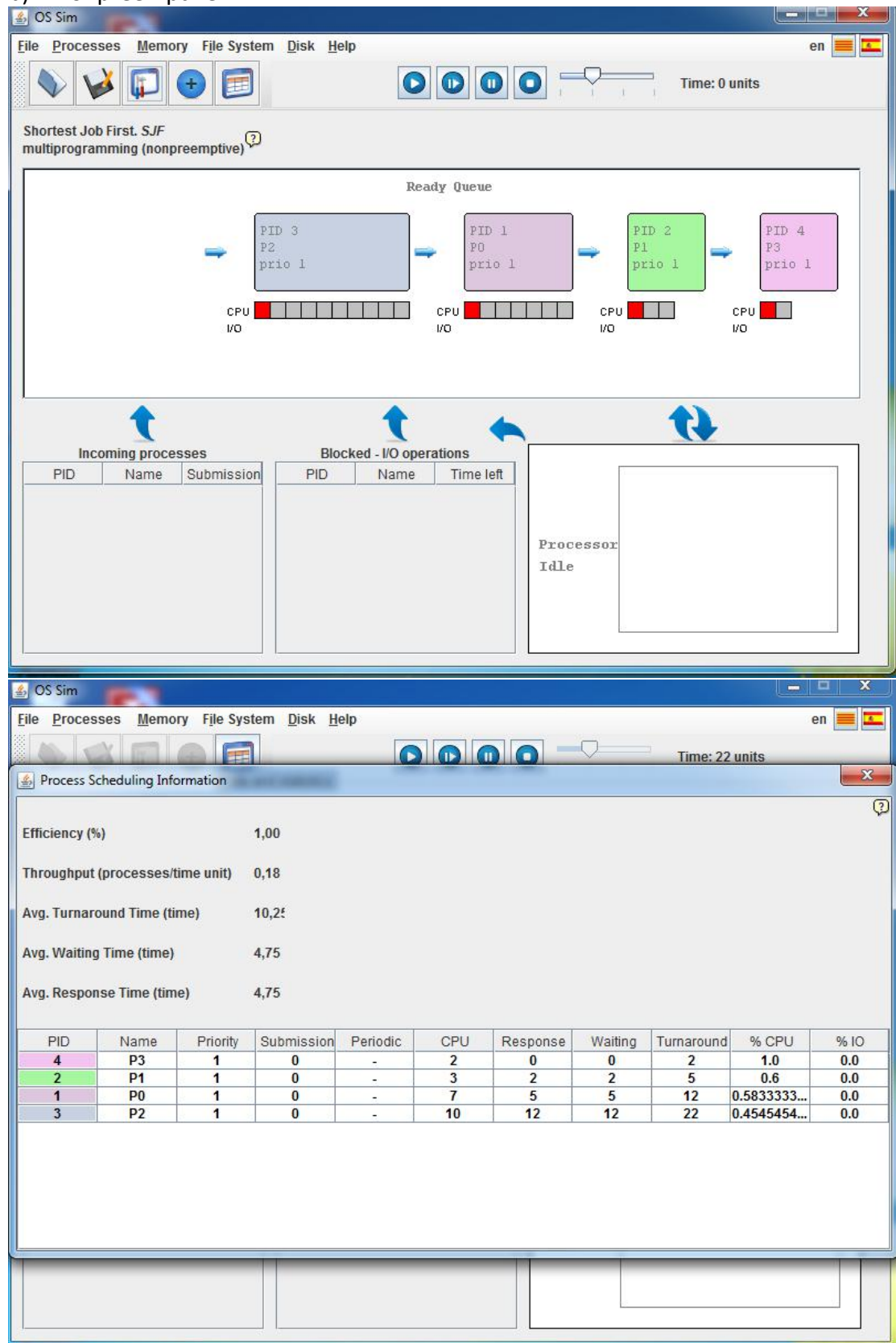
### a) Preemptive





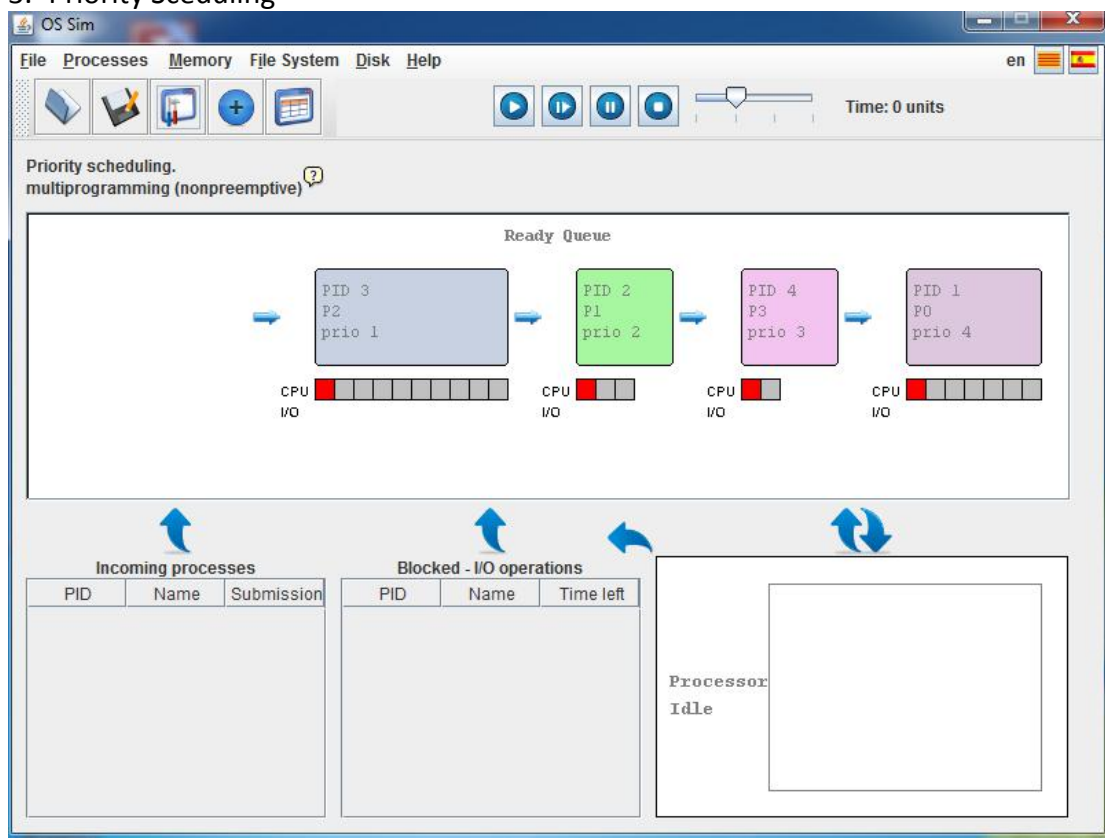
| Process              | Waiting Time |
|----------------------|--------------|
| P0                   | 5            |
| P1                   | 2            |
| P2                   | 12           |
| P3                   | 0            |
| Average Waiting Time | 4,75         |
| Average Turnaround   | 10,25        |
| Average Respon       | 4,75         |

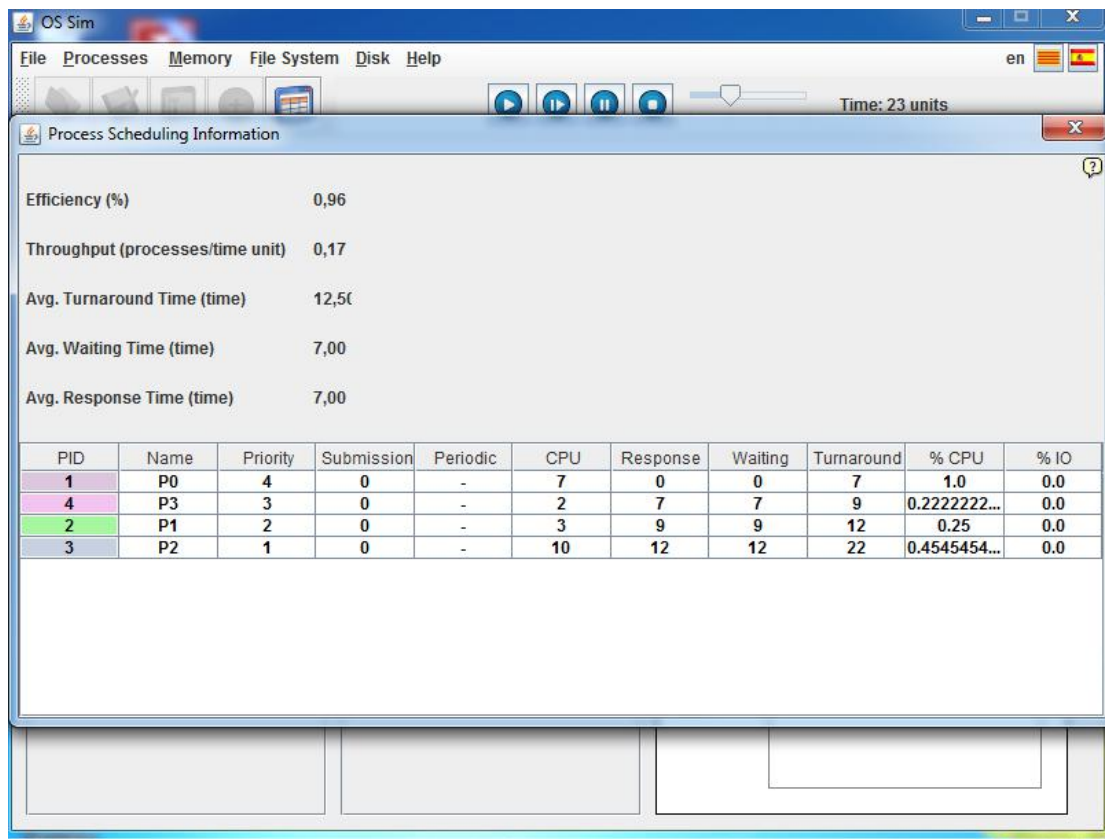
## b) Nonpreemptive



| Process              | Waiting Time |
|----------------------|--------------|
| P0                   | 5            |
| P1                   | 2            |
| P2                   | 12           |
| P3                   | 0            |
| Average Waiting Time | 4,75         |
| Average Turnaround   | 10,25        |
| Average Respon       | 4,75         |

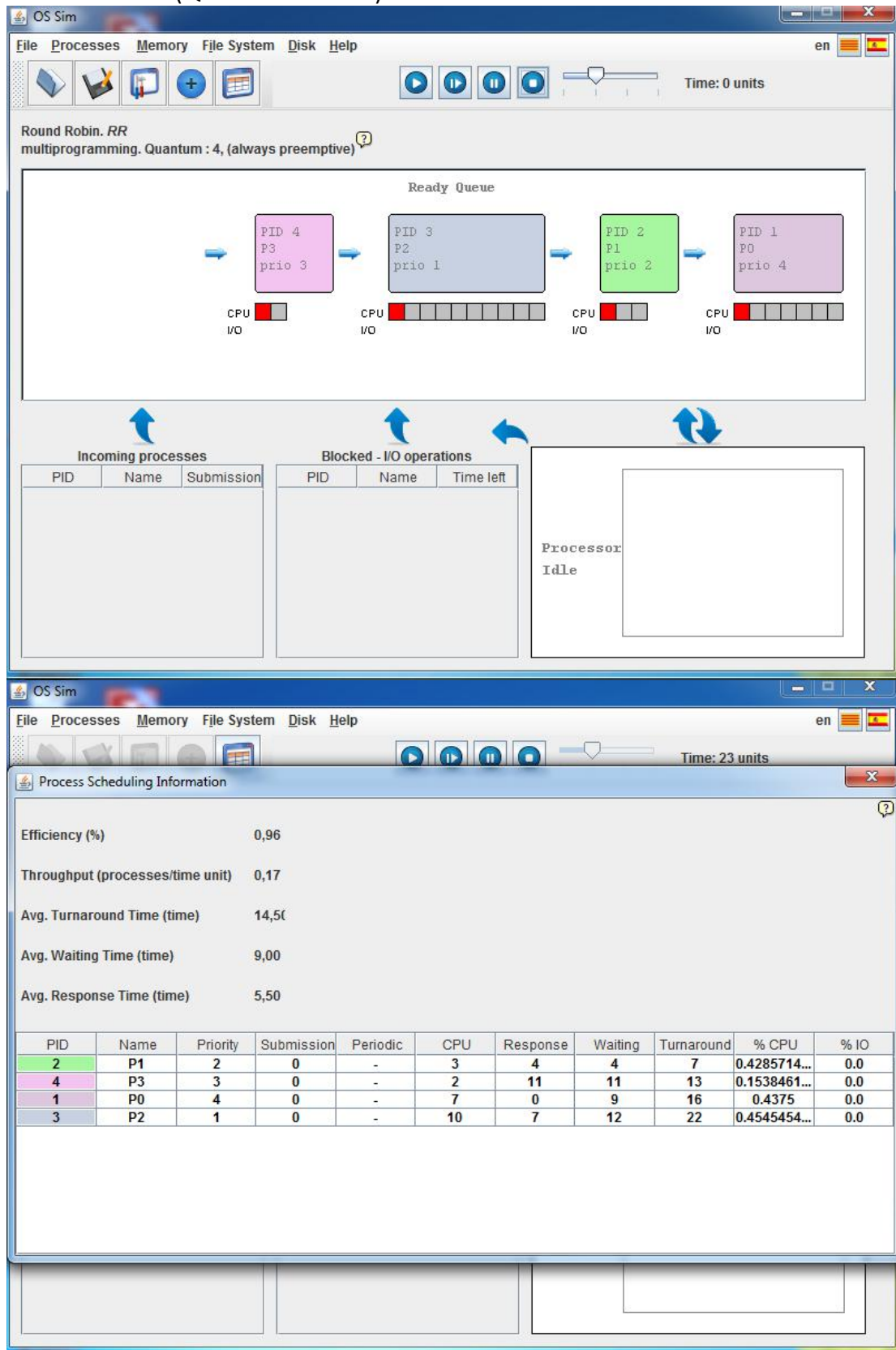
### 3. Priority Sceduling





| Process              | Waiting Time |
|----------------------|--------------|
| P0                   | 0            |
| P1                   | 9            |
| P2                   | 12           |
| P3                   | 7            |
| Average Waiting Time | 7,00         |
| Average Turnaround   | 12,50        |
| Average Respon       | 7,00         |

#### 4. RoundRobin (Quantum time = 4)



| Process              | Waiting Time |
|----------------------|--------------|
| P0                   | 9            |
| P1                   | 4            |
| P2                   | 12           |
| P3                   | 11           |
| Average Waiting Time | 9,00         |
| Average Turnaround   | 14,50        |
| Average Respon       | 5,50         |