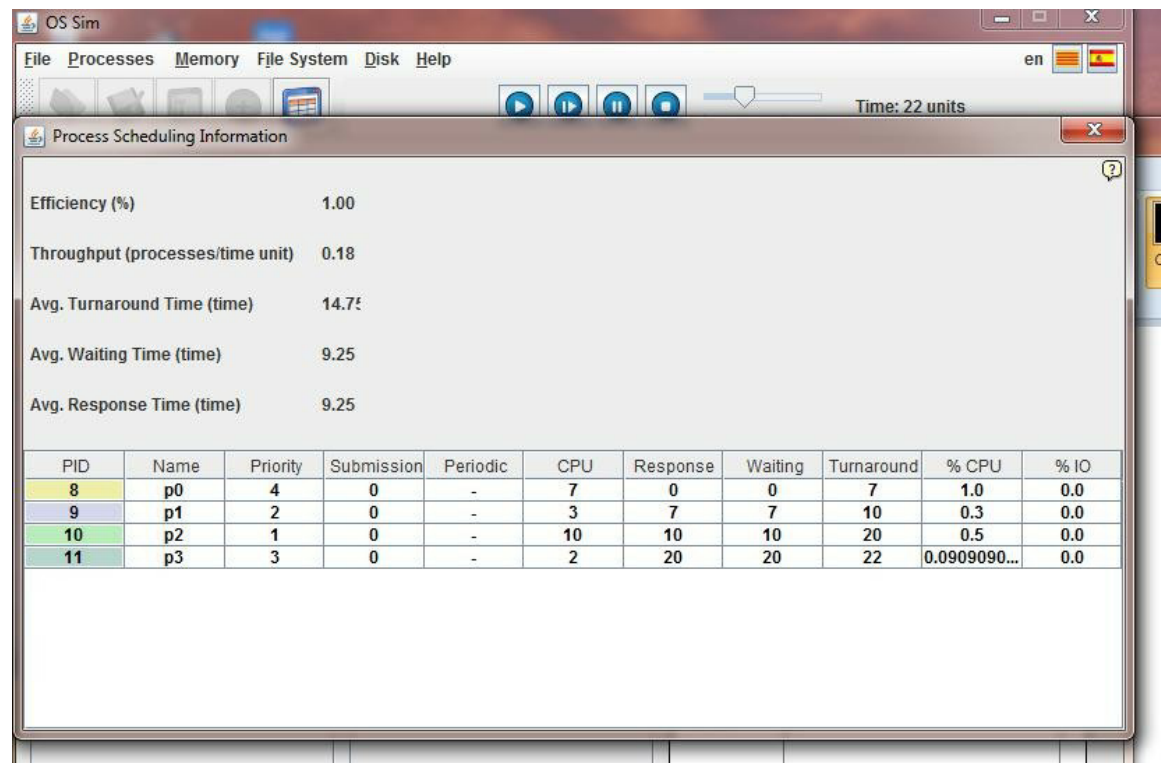


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## 1. FCFS



The screenshot shows the 'Process Scheduling Information' window in OS Sim. It displays various performance metrics and a table of process details. The metrics include Efficiency (1.00), Throughput (0.18), Avg. Turnaround Time (14.75), Avg. Waiting Time (9.25), and Avg. Response Time (9.25). The table lists four processes: p0, p1, p2, and p3, with their respective PID, Name, Priority, Submission, Periodic status, CPU, Response, Waiting, Turnaround, % CPU, and % IO.

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
8	p0	4	0	-	7	0	0	7	1.0	0.0
9	p1	2	0	-	3	7	7	10	0.3	0.0
10	p2	1	0	-	10	10	10	20	0.5	0.0
11	p3	3	0	-	2	20	20	22	0.0909090...	0.0

Process	Wait Time
P0	0
P1	7
P2	10
P3	20
Avg. Waiting Time	9.25
Avg. Touraround	14.75
Avg. Response	9.25

## 2. SJFS

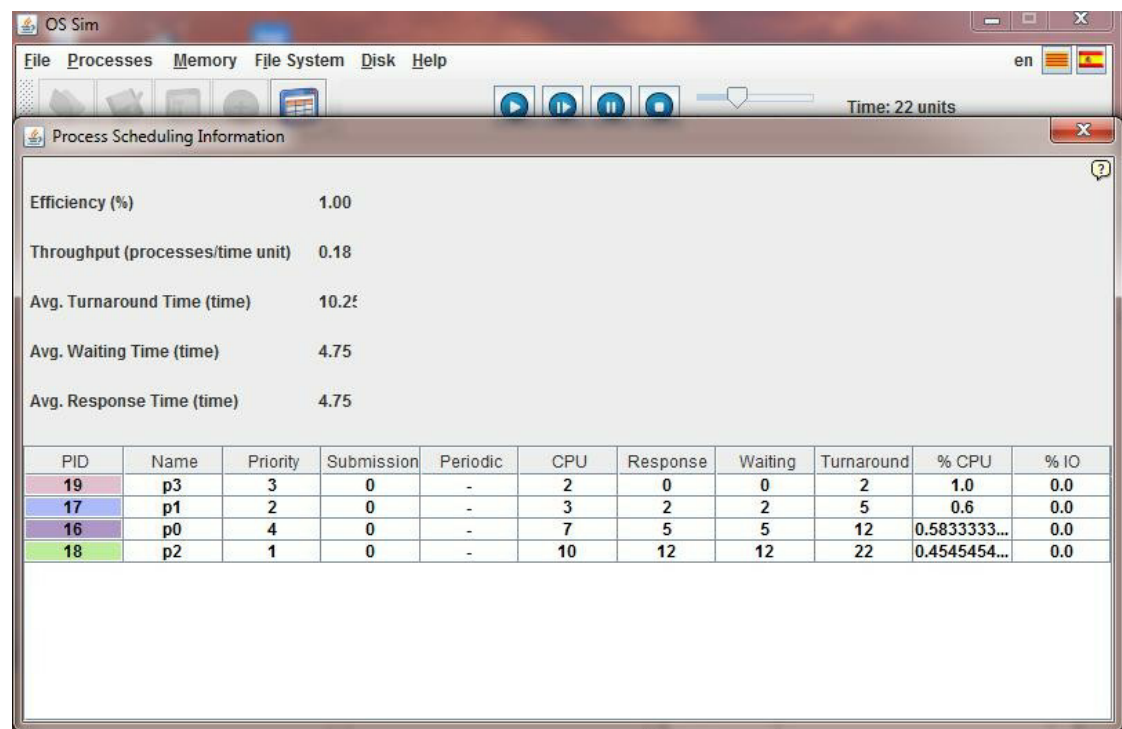
- Preemptive

The screenshot shows the 'Process Scheduling Information' window in OS Sim. It displays various performance metrics and a table of process data. The metrics are: Efficiency (%) 1.00, Throughput (processes/time unit) 0.18, Avg. Turnaround Time (time) 10.25, Avg. Waiting Time (time) 4.75, and Avg. Response Time (time) 4.75. The table lists four processes: p3 (PID 15), p1 (PID 13), p0 (PID 12), and p2 (PID 14). The table columns are: PID, Name, Priority, Submission, Periodic, CPU, Response, Waiting, Turnaround, % CPU, and % IO.

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
15	p3	3	0	-	2	0	0	2	1.0	0.0
13	p1	2	0	-	3	2	2	5	0.6	0.0
12	p0	4	0	-	7	5	5	12	0.5833333...	0.0
14	p2	1	0	-	10	12	12	22	0.4545454...	0.0

Process	Wait Time
P0	5
P1	2
P2	12
P3	0
Avg. Waiting Time	4.75
Avg. Touraround	10.25
Avg. Response	4.75

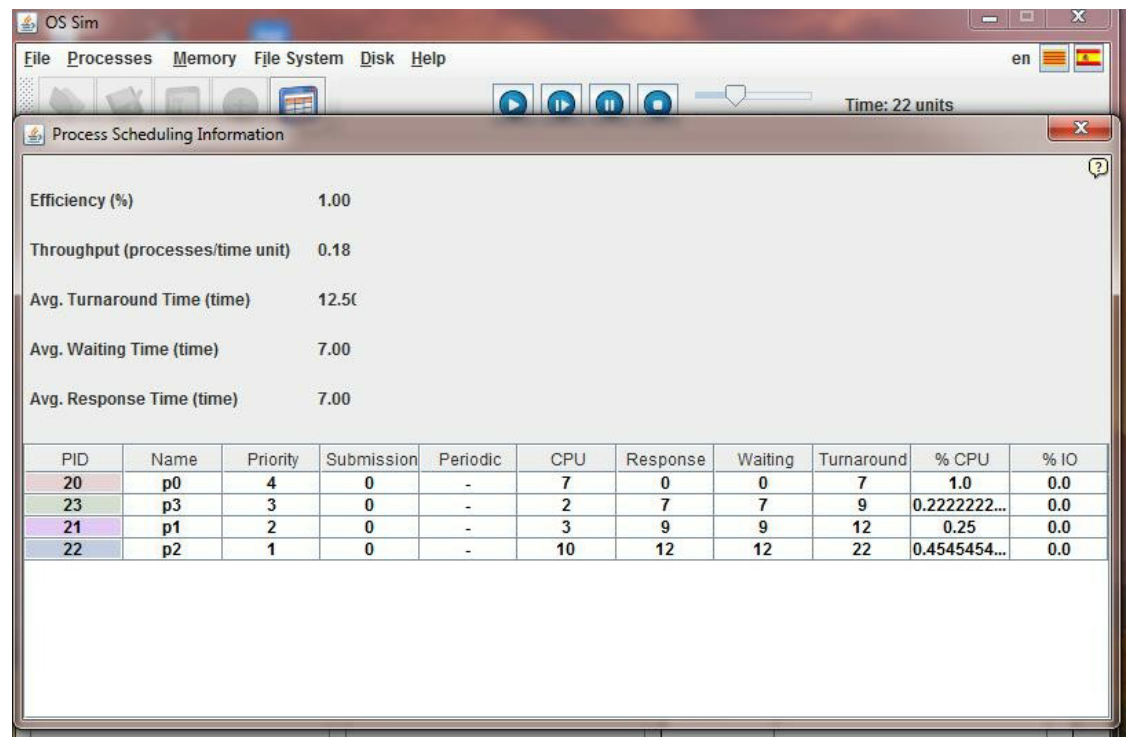
- NonPreemptive



Process	Wait Time
P0	5
P1	2
P2	12
P3	0
Avg. Waiting Time	4.75
Avg. Touraround	10.25
Avg. Response	4.75

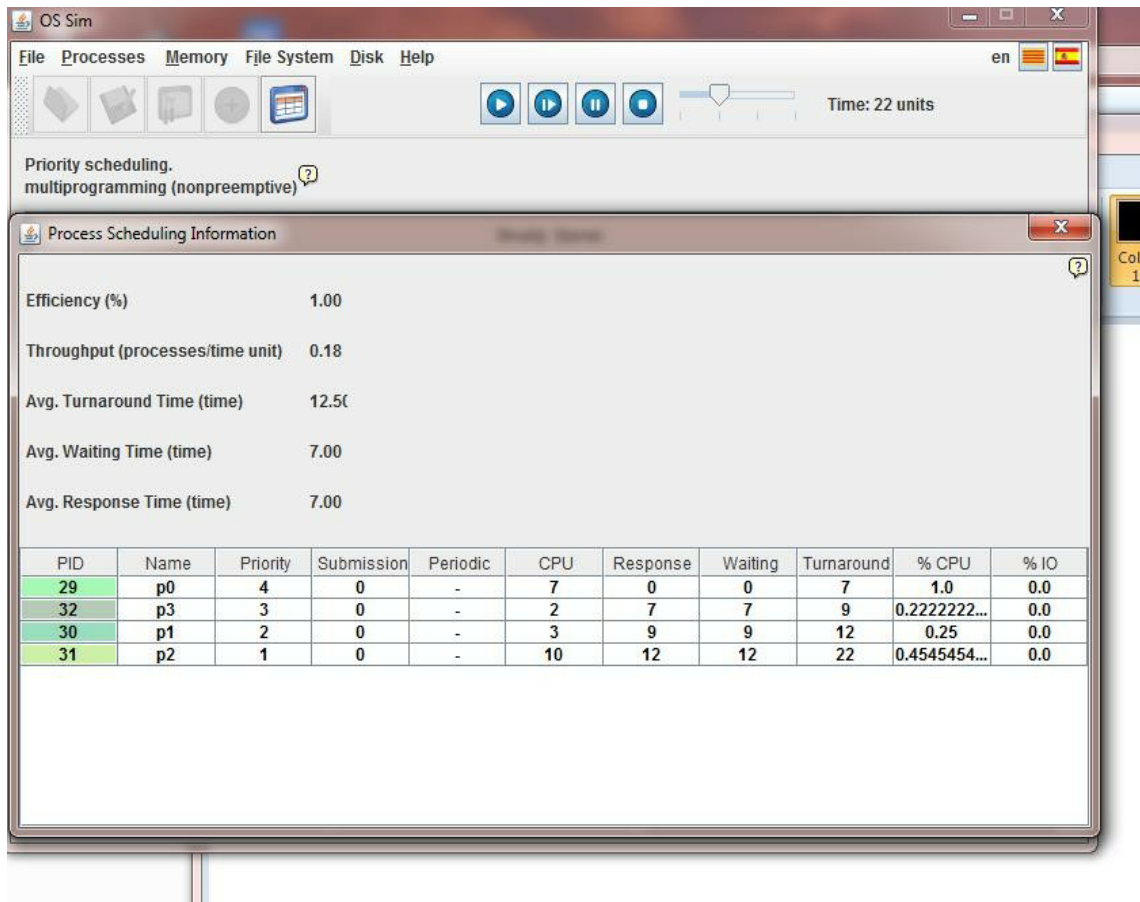
### 3. Priority

- Preemptive



Process	Wait Time
P0	0
P1	9
P2	12
P3	7
Avg. Waiting Time	7.00
Avg. Touraround	12.50
Avg. Response	7.00

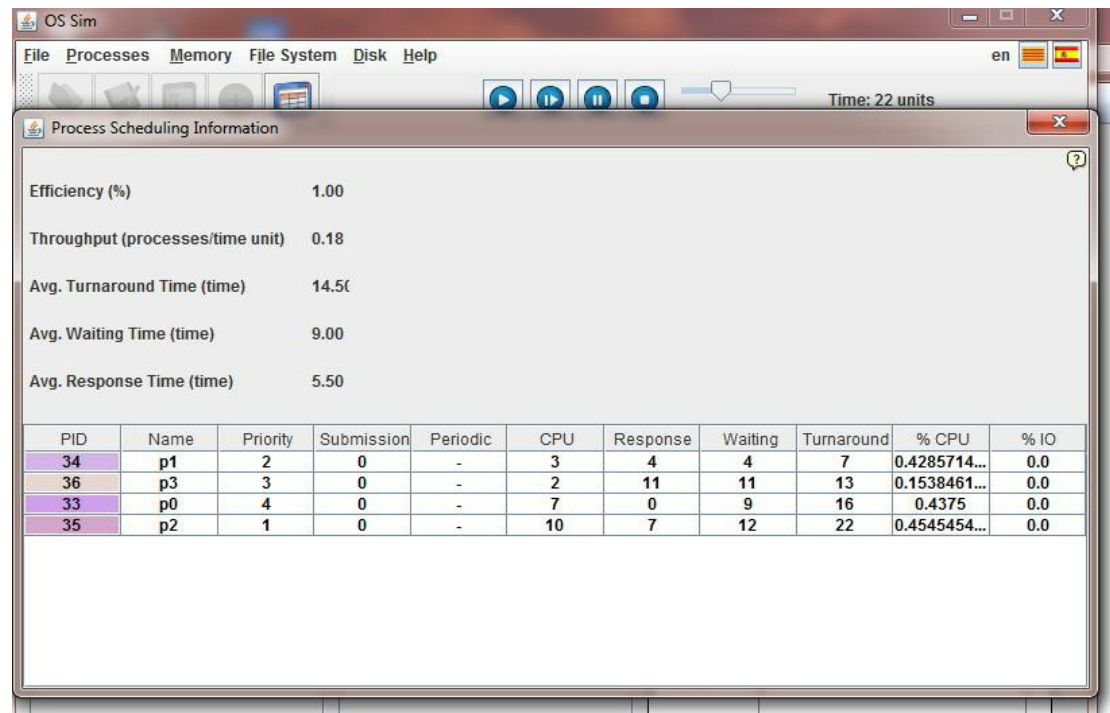
- Nonpreemptive



Process	Wait Time
P0	0
P1	9
P2	12
P3	7
Avg. Waiting Time	7.00
Avg. Touraround	12.50
Avg. Response	7.00

#### 4. Round Robin

Quantumtime  
=4



Process	Wait Time
P0	9
P1	4
P2	12
P3	11
Avg. Waiting Time	9.00
Avg. Touraround	14.50
Avg. Response	5.50