MODUL 11

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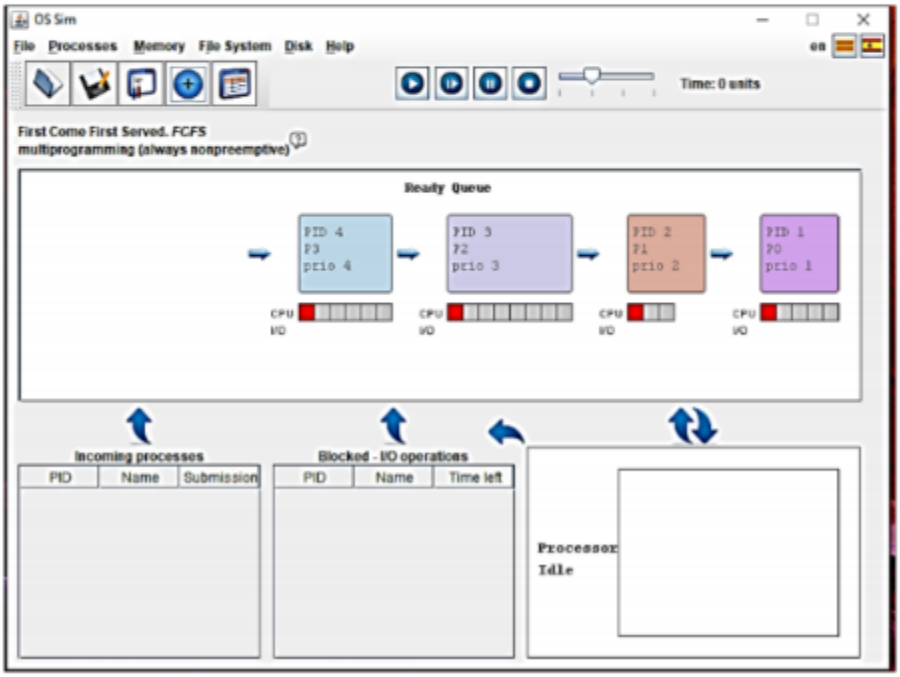
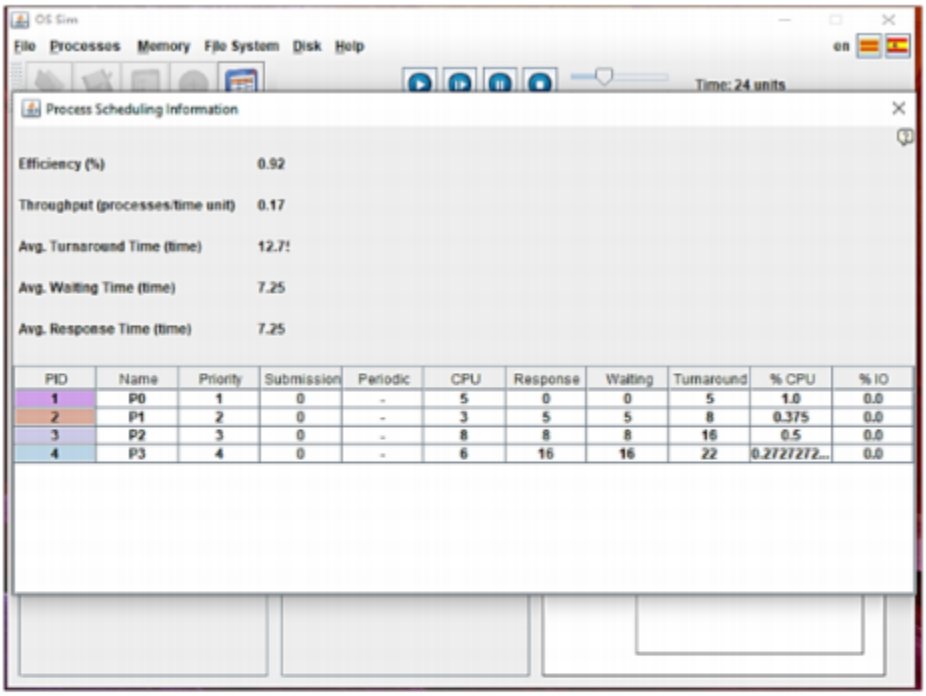
1. **FCFS**

Process	Arrival Time	Burst Time	Service Time
P0	0	5	0
P1	1	3	5
P2	2	8	8
P3	3	6	16



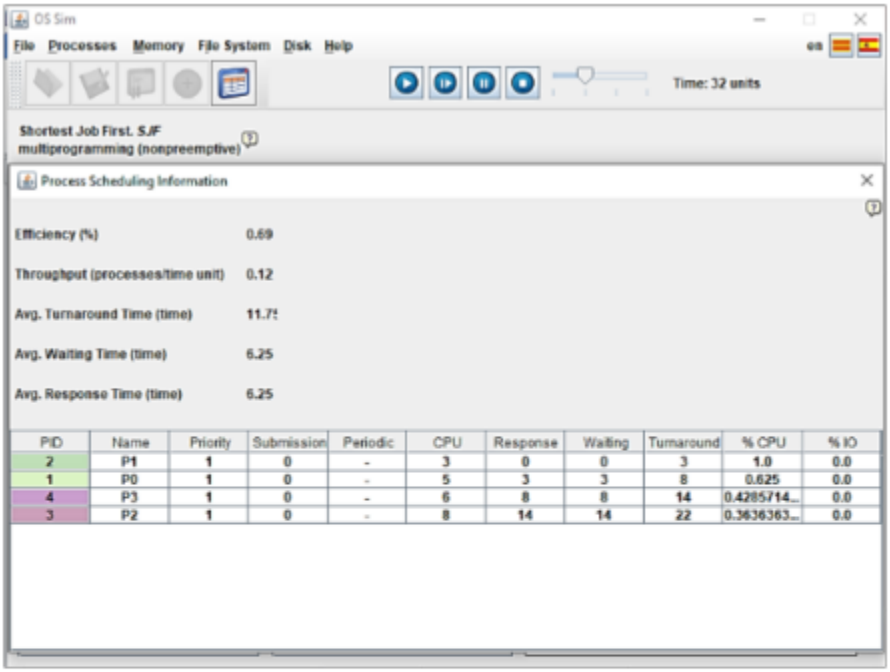


Process	Wait Time : Service Time – Arrival Time
P0	0
P1	5
P2	8
P3	16
Av wait time	7.25

2. SJF

Process	Arrival Time	Burst Time	Service Time
P0	0	5	0
P1	1	3	5
P2	2	8	8
P3	3	6	16

Non-preemptive

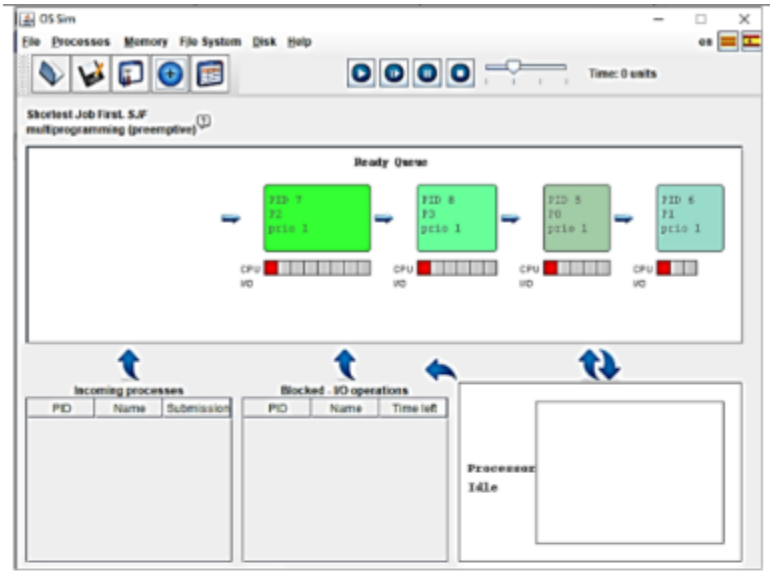


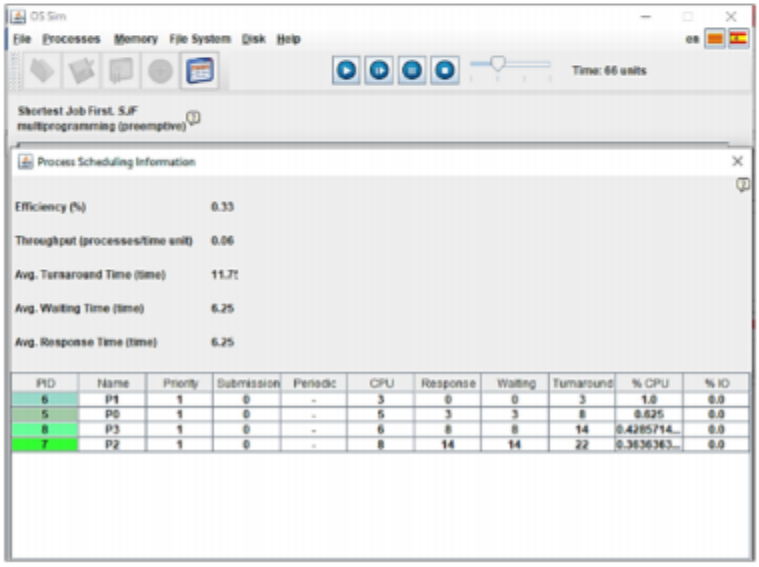
Process	Wait Time : Service Time – Arrival Time
P0	3
P1	0
P2	14
P3	8
Av wait time	6.25

Preemptive

Process	Arrival Time	Burst Time	Service Time
P0	0	5	0
P1	1	3	5
P2	2	8	8

P3	3	6	16

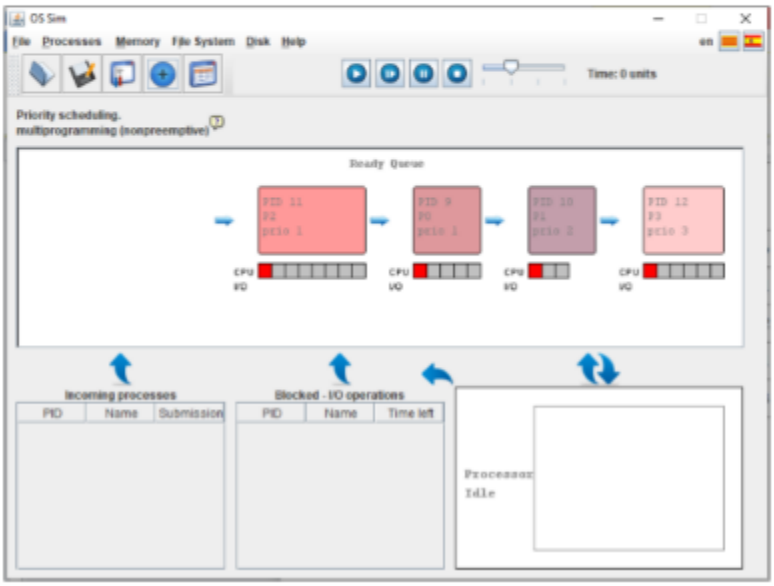


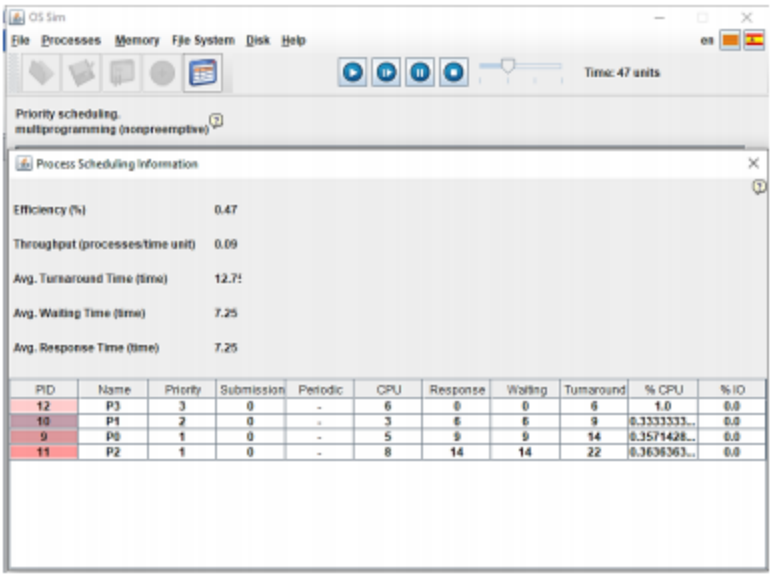


Process	Wait Time : Service Time – Arrival Time
P0	3
P1	0
P2	14
P3	8
Av wait time	6.25

3.PRIORITY

Process	Arrival Time	Burst Time	Priority	Service Time
P0	0	5	1	0
P1	1	3	2	11
P2	2	8	1	14
P3	3	6	3	5

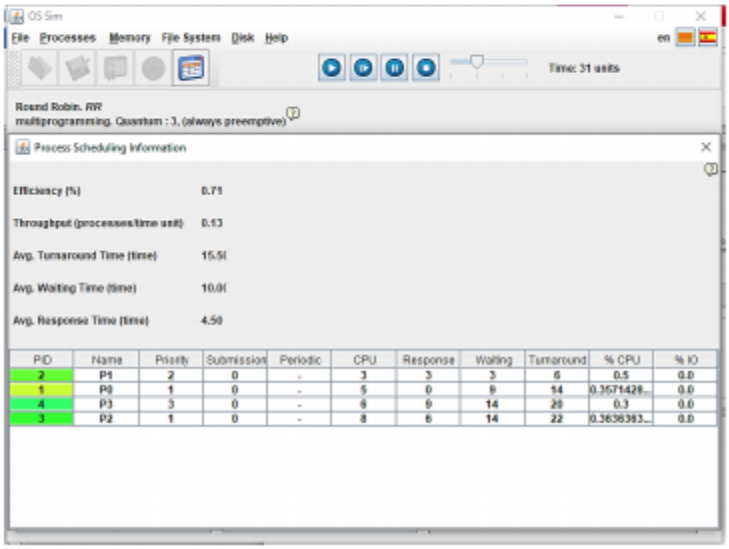




Process	Wait Time : Service Time – Arrival Time
P0	9
P1	6
P2	14
P3	0
Av wait time	7.25

4. **ROUND ROBIN (Quantum time = 3)**

Process	Arrival Time	Burst Time	Priority	Service Time
P0	0	5	1	0
P1	1	3	2	11
P2	2	8	1	14
P3	3	6	3	5



Process	Wait Time : Service Time – Arrival Time
P0	9
P1	3
P2	14
P3	14
Av wait time	10