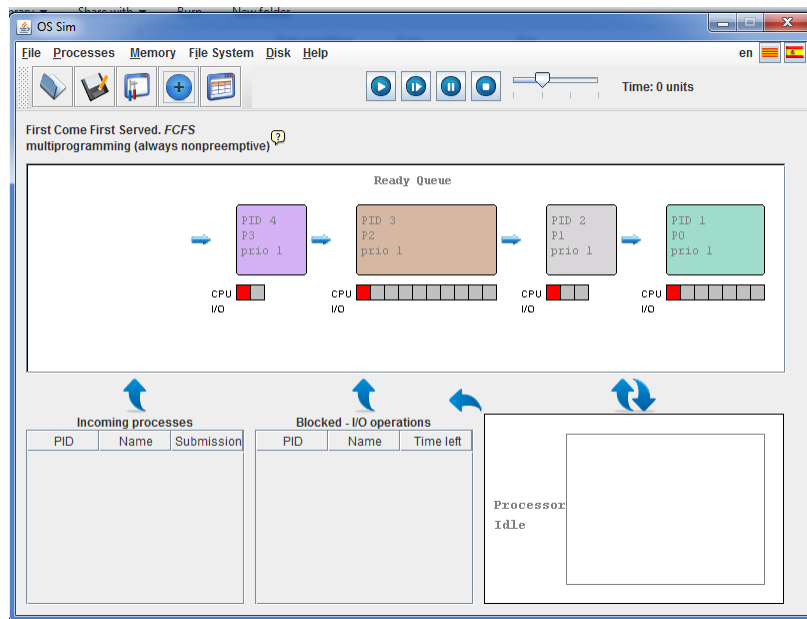


**NAMA : Hesti Sefri Nurfitri**  
**NIM : L200180122**  
**Kelas : C**

## MODUL 11

PROSES	BURST TIME	PRIORITY
P0	7	4
P1	3	2
P2	10	1
P3	2	3

### A. FCFS



Process Scheduling Information

Efficiency (%) 0.88

Throughput (processes/time unit) 0.16

Avg. Turnaround Time (time) 14.75

Avg. Waiting Time (time) 9.25

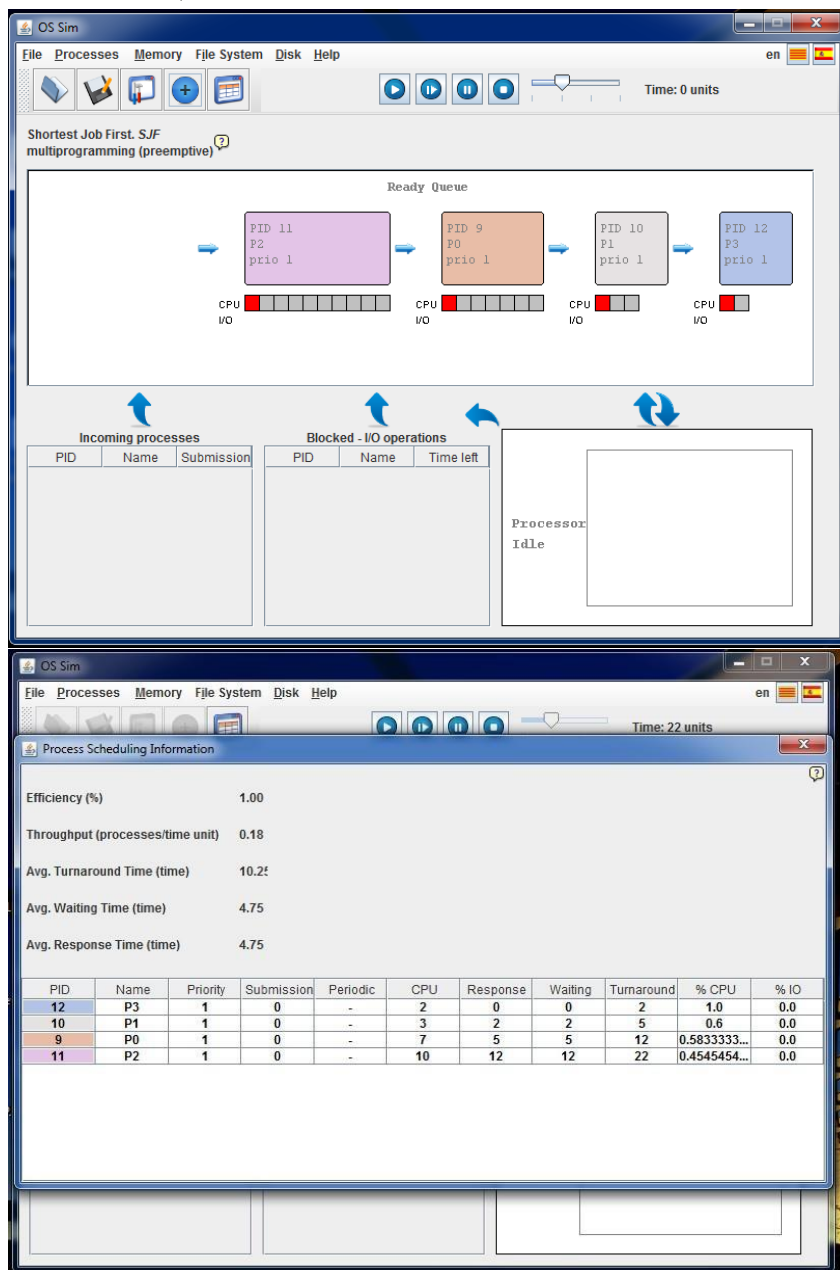
Avg. Response Time (time) 9.25

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
1	P0	1	0	-	7	0	0	7	1.0	0.0
2	P1	1	0	-	3	7	7	10	0.3	0.0
3	P2	1	0	-	10	10	10	20	0.5	0.0
4	P3	1	0	-	2	20	20	22	0.0909090...	0.0

PROSES	WAIT TIME
P0	0
P1	7
P2	20
P3	22
AV. WAITING TIME	9.25
AV. TURNAROUND	14.75
AV. RESPONSE	9.25

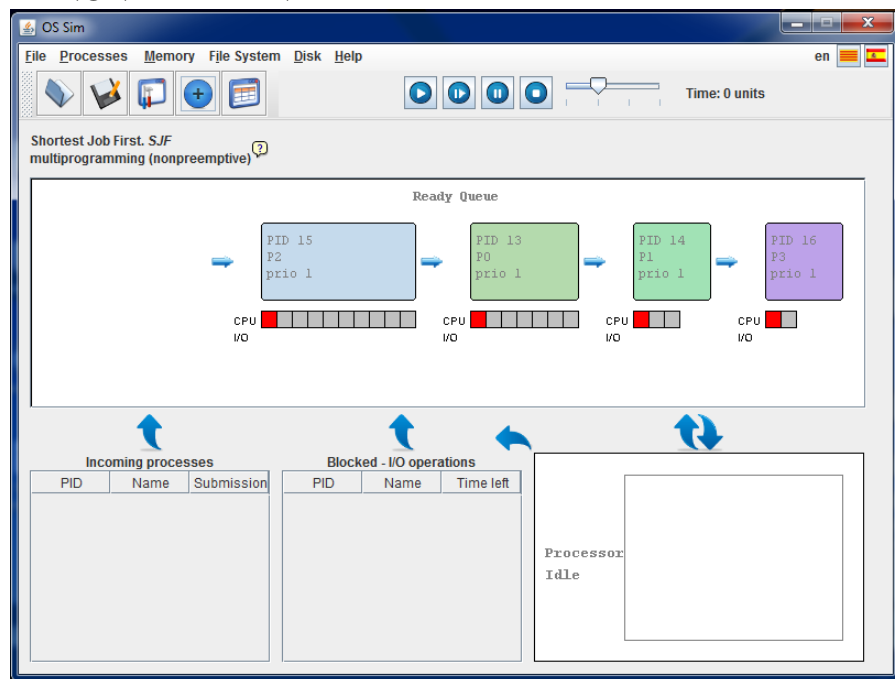
## B. SJFS

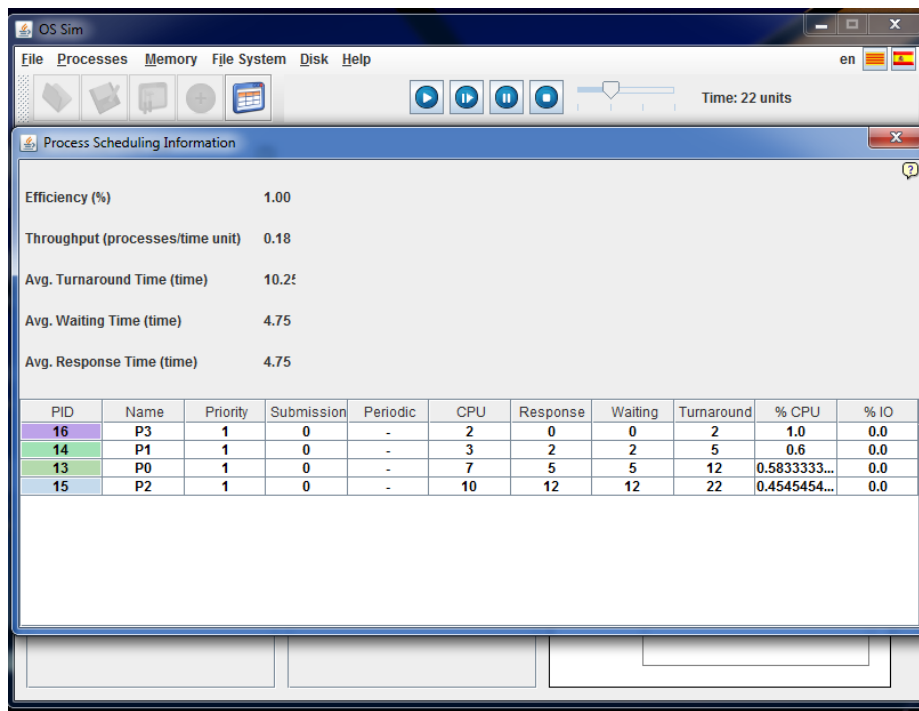
### - PREMTIVE



PROSES	WAIT TIME
P0	5
P1	2
P2	12
P3	0
AV. WAITING TIME	4.75
AV. TURNAROUND	10.25
AV. RESPONSE	4.75

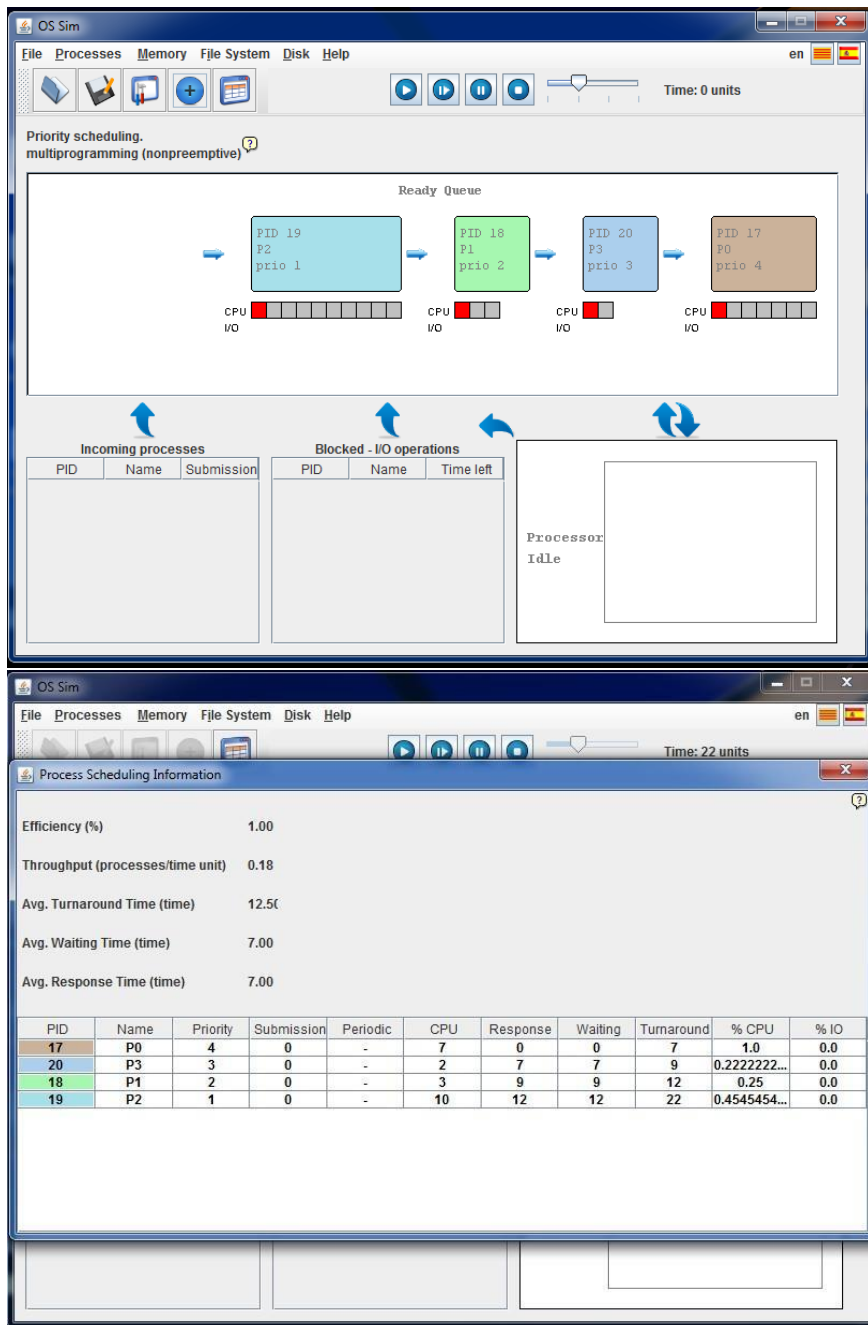
## - NON- PREMTIVE





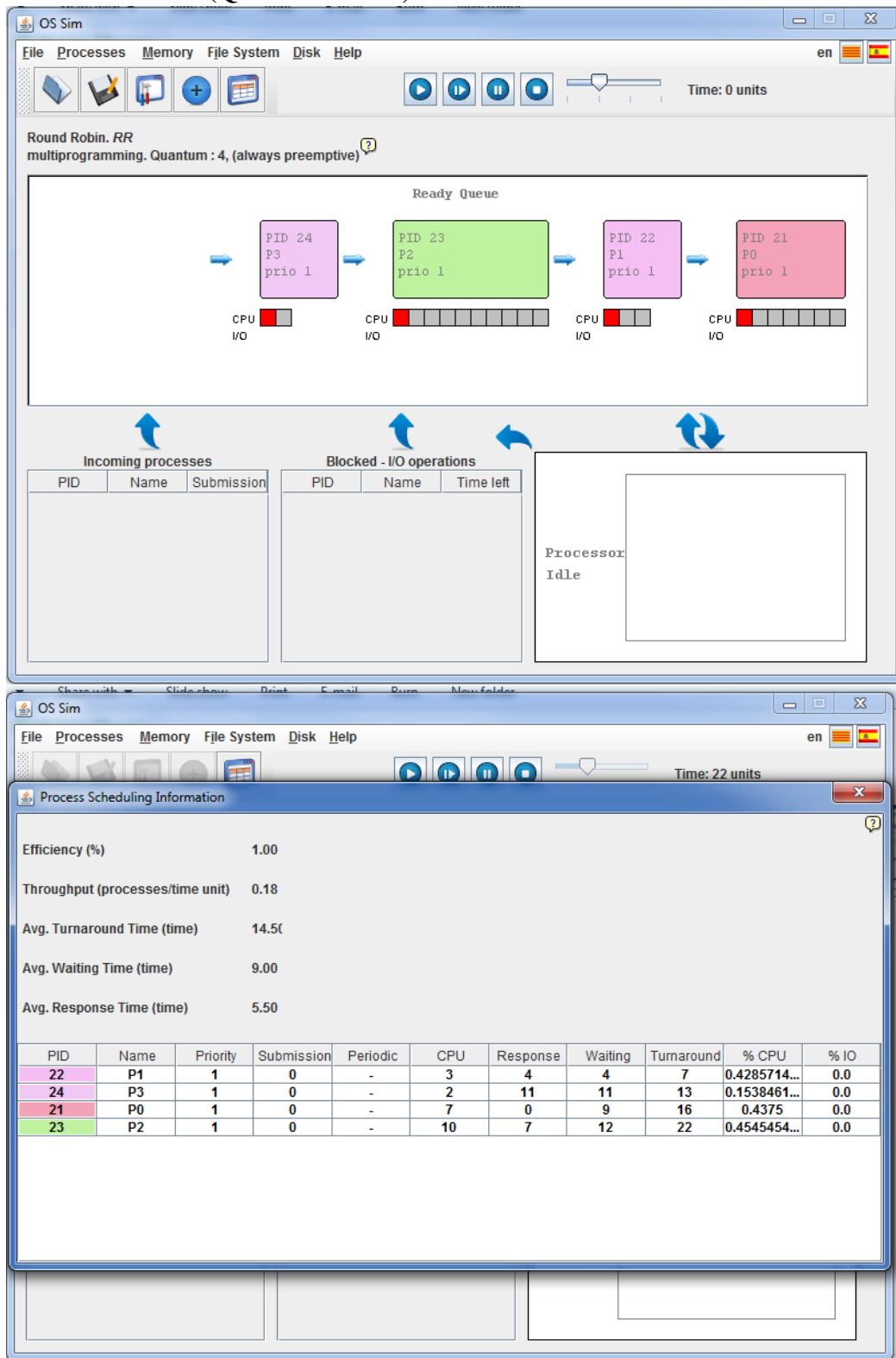
PROSES	WAIT TIME
P0	5
P1	2
P2	12
P3	0
AV. WAITING TIME	4.75
AV. TURNAROUND	10.25
AV. RESPONSE	4.75

### C. PRIORITY SCHEDULING



PROSES	WAIT TIME
P0	0
P1	9
P2	12
P3	7
AV. WAITING TIME	7.00
AV. TURNAROUND	12.50
AV. RESPONSE	7.00

#### D. ROUND ROBIN (QUANTUM = 4)



<b>PROSES</b>	<b>WAIT TIME</b>
P0	9
P1	4
P2	12
P3	11
AV. WAITING TIME	9.00
AV. TURNAROUND	14.50
AV. RESPONSE	5.50