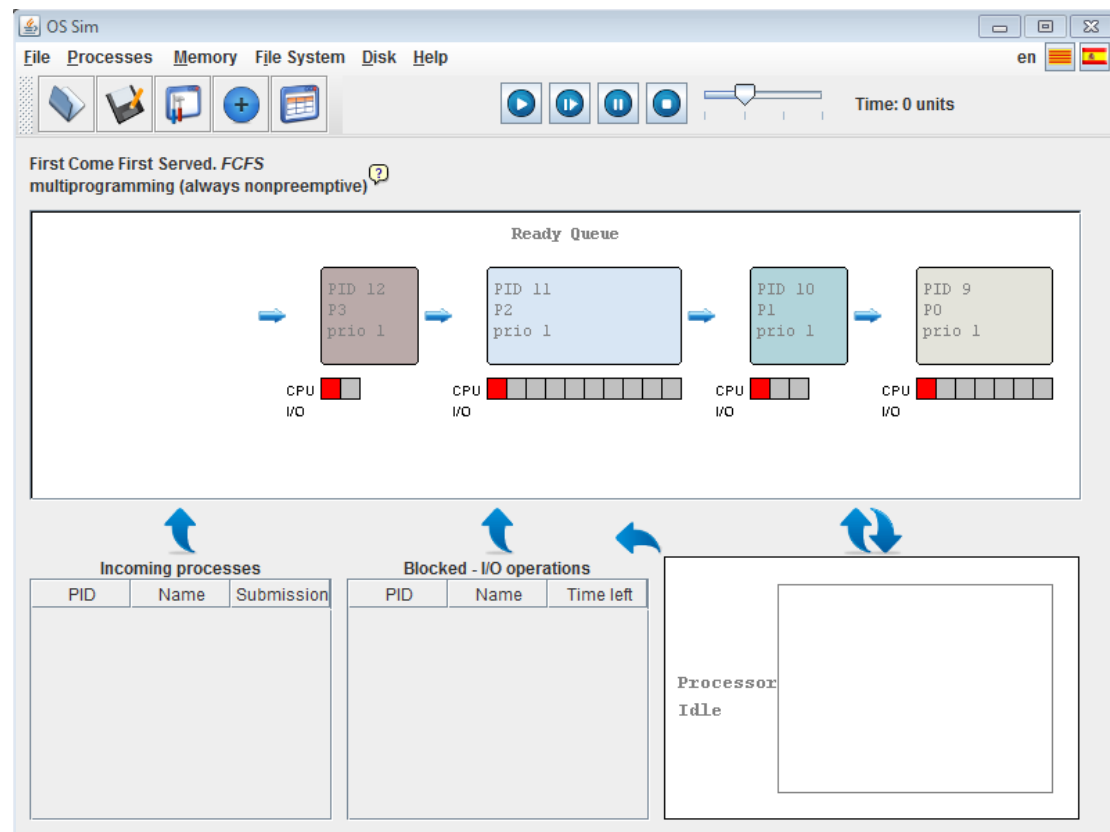


Nama : Afrialdy Asyura Buana

NIM : L200180175

1) First-Come, First-Served (FCFS)



Process Scheduling Information

Efficiency (%) 0,30

Throughput (processes/time unit) 0,05

Avg. Turnaround Time (time) 14,75

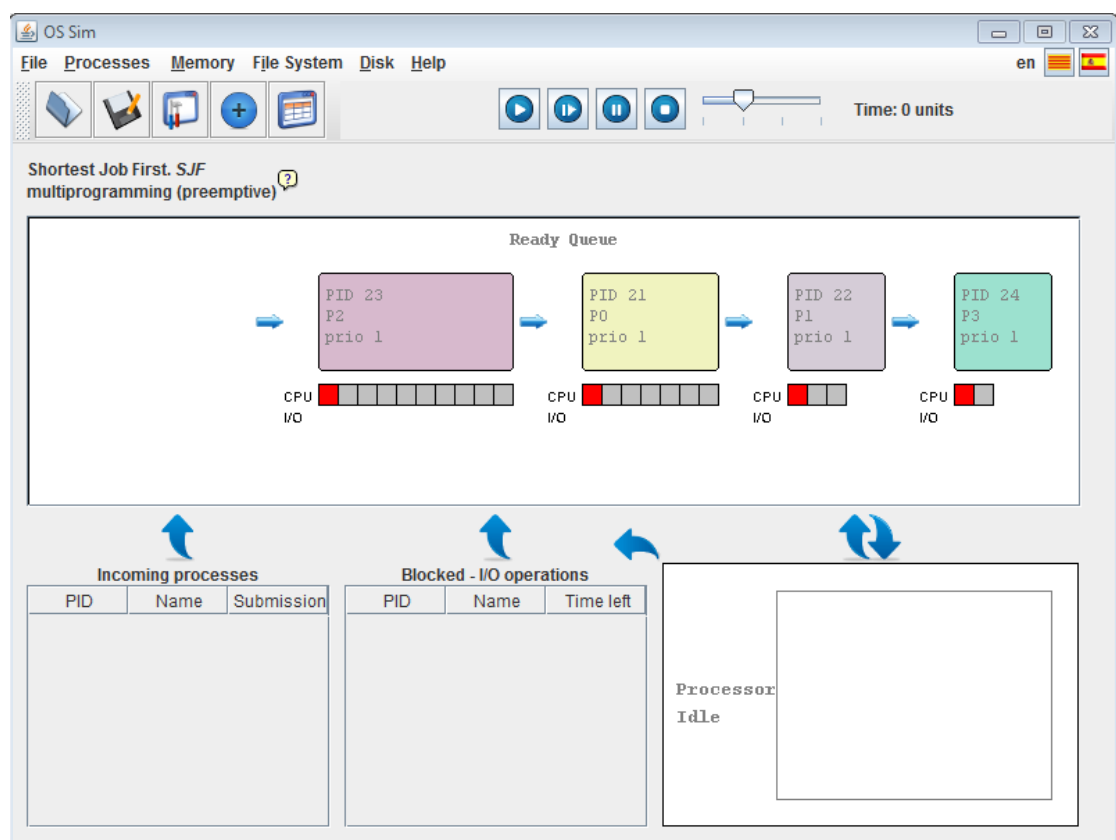
Avg. Waiting Time (time) 9,25

Avg. Response Time (time) 9,25

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

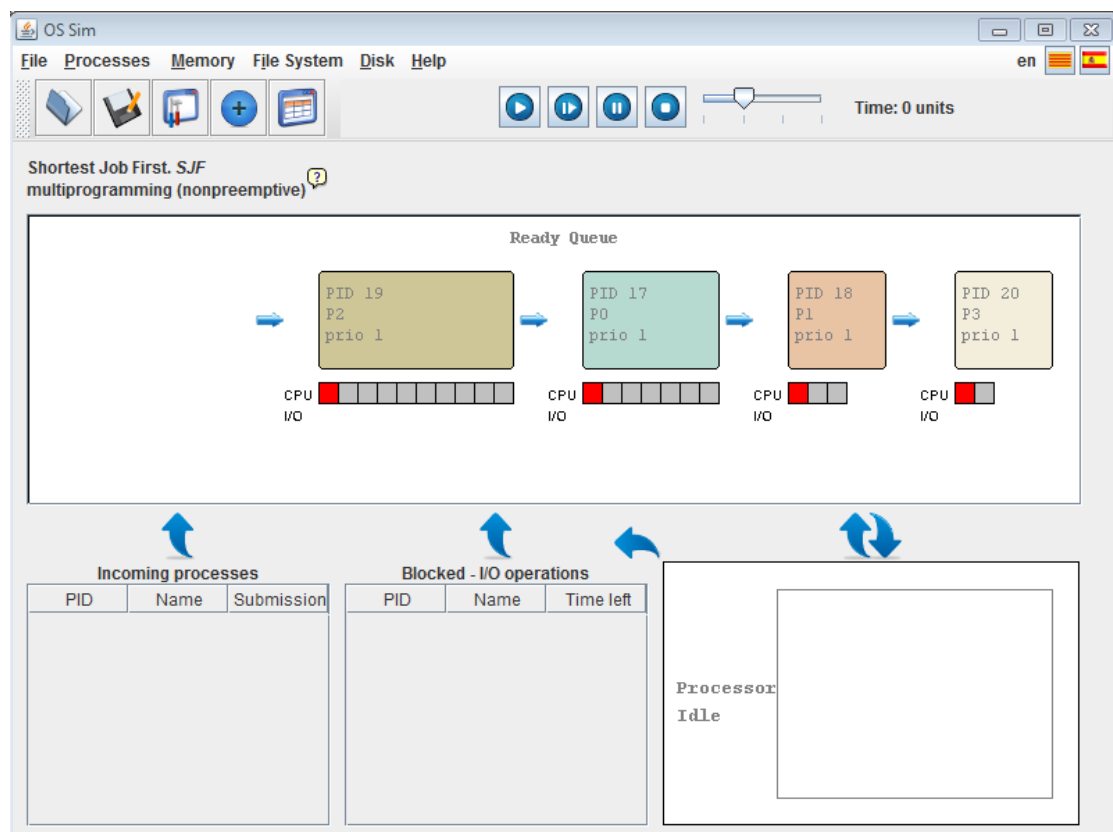
2) Shortest-Job-First(SJF)

-Preemptive



Process Scheduling Information										
Efficiency (%)		0,69								
Throughput (processes/time unit)		0,12								
Avg. Turnaround Time (time)		10,25								
Avg. Waiting Time (time)		4,75								
Avg. Response Time (time)		4,75								
PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
24	P3	1	0	-	2	0	0	2	1.0	0.0
22	P1	1	0	-	3	2	2	5	0.6	0.0
21	P0	1	0	-	7	5	5	12	0.5833333...	0.0
23	P2	1	0	-	10	12	12	22	0.4545454...	0.0

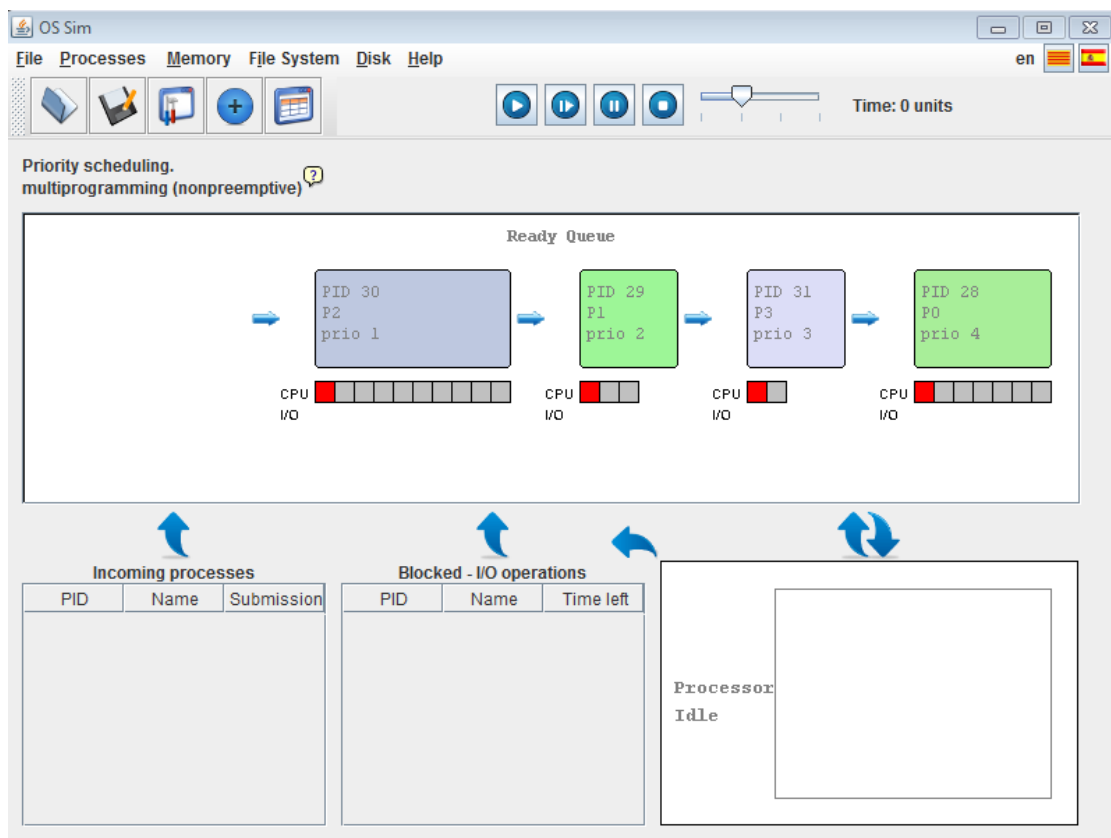
-NonPreemptive



Efficiency (%)	0,67
Throughput (processes/time unit)	0,12
Avg. Turnaround Time (time)	10,25
Avg. Waiting Time (time)	4,75
Avg. Response Time (time)	4,75

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
20	P3	1	0	-	2	0	0	2	1.0	0.0
18	P1	1	0	-	3	2	2	5	0.6	0.0
17	P0	1	0	-	7	5	5	12	0.5833333...	0.0
19	P2	1	0	-	10	12	12	22	0.4545454...	0.0

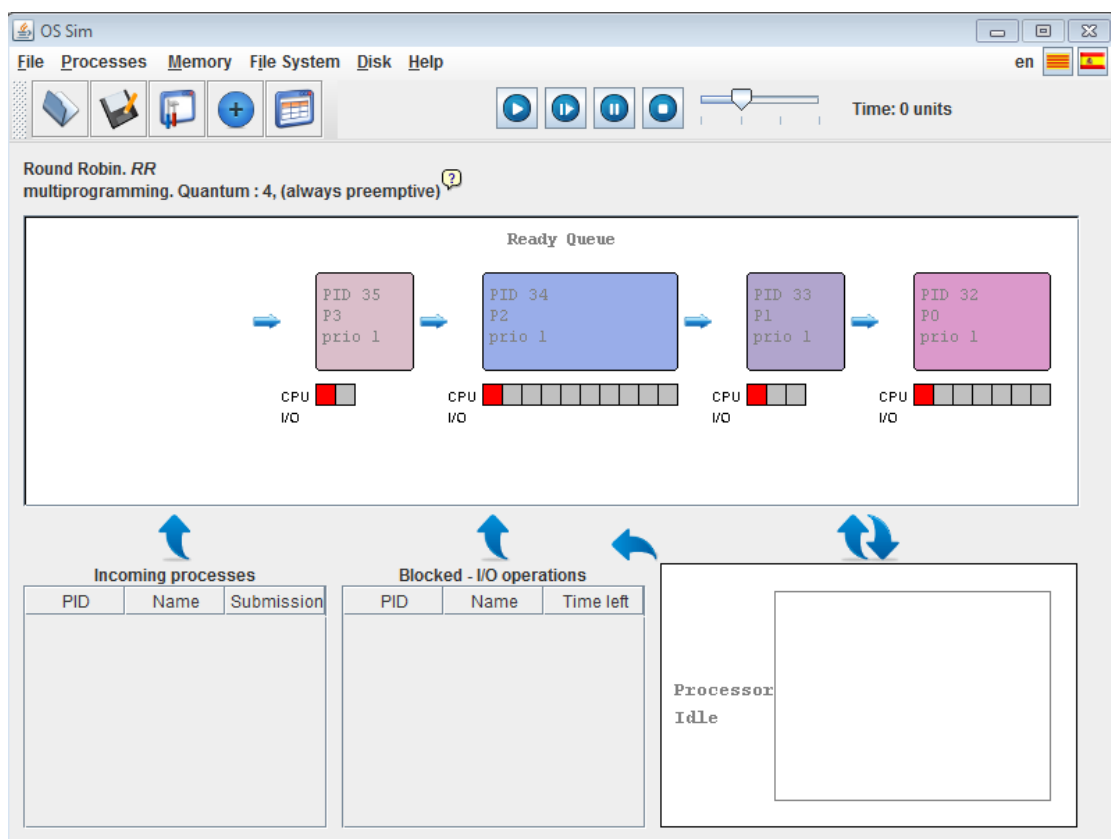
3) Priority



Efficiency (%)	0,76
Throughput (processes/time unit)	0,14
Avg. Turnaround Time (time)	12,50
Avg. Waiting Time (time)	7,00
Avg. Response Time (time)	7,00

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
28	P0	4	0	-	7	0	0	7	1.0	0.0
31	P3	3	0	-	2	7	7	9	0.222222...	0.0
29	P1	2	0	-	3	9	9	12	0.25	0.0
30	P2	1	0	-	10	12	12	22	0.454545...	0.0

4) Round Robin



Process Scheduling Information										
Efficiency (%)		0,76								
Throughput (processes/time unit)		0,14								
Avg. Turnaround Time (time)		14,50								
Avg. Waiting Time (time)		9,00								
Avg. Response Time (time)		5,50								
PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
33	P1	1	0	-	3	4	4	7	0.4285714...	0.0
35	P3	1	0	-	2	11	11	13	0.1538461...	0.0
32	P0	1	0	-	7	0	9	16	0.4375	0.0
34	P2	1	0	-	10	7	12	22	0.4545454...	0.0