Nama : Amartya Bintang Wijat Ranti

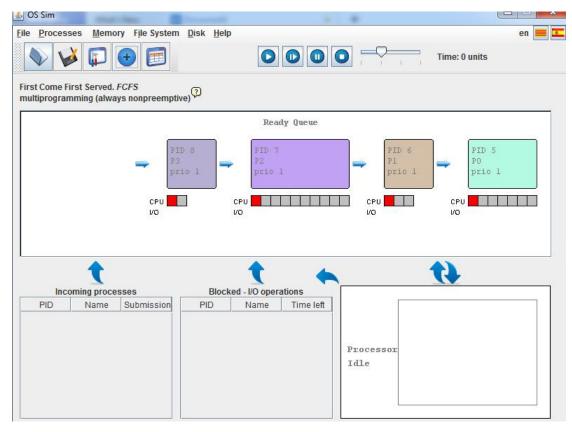
NIM : L200180193

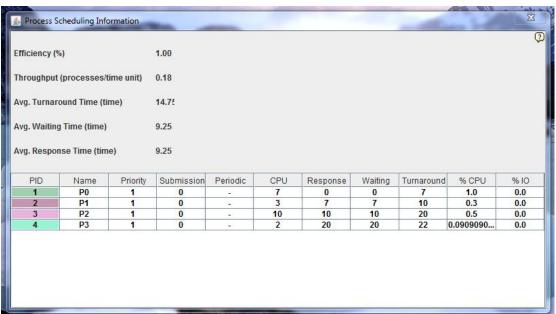
Kelas : E

Mata Kuliah : Sistem Operasi

MODUL 11

1. FCFS

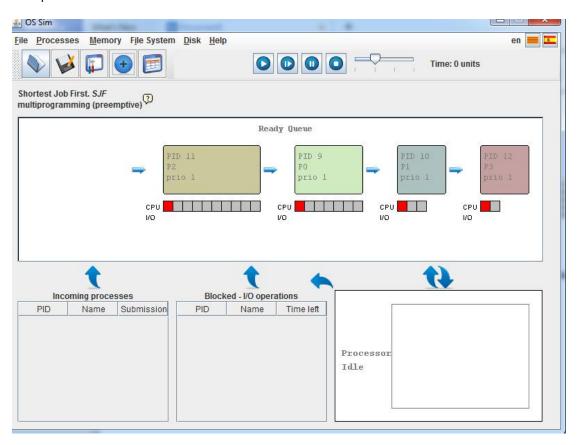


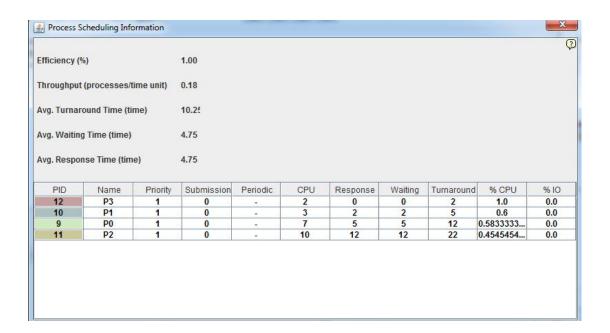


Process	Waiting Time
P0	0
P1	7
P2	10
P3	20
Average Waiting Time	9.25
Average Turnaround	14.75
Average Respon	9.25

2. SJFS

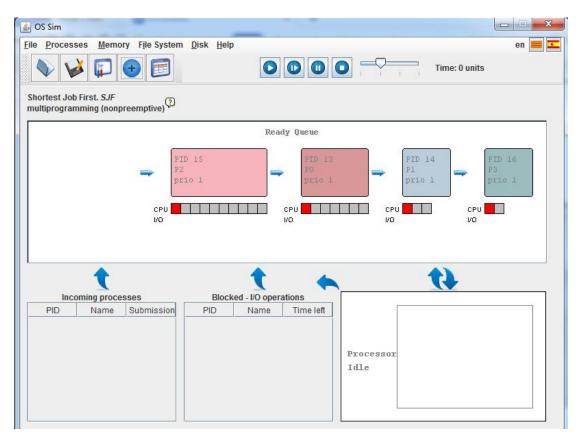
a) Premptive

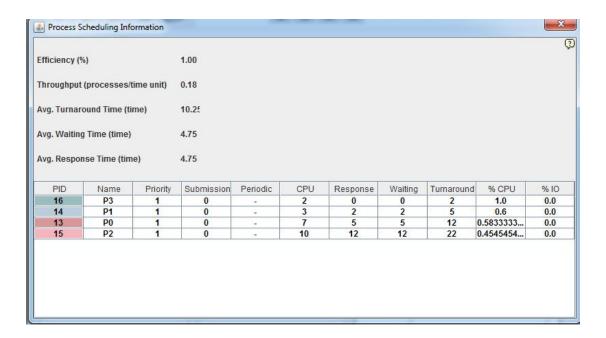




Process	Waiting Time
PO	5
P1	2
P2	12
P3	0
Average Waiting Time	4.75
Average Turnaround	10.25
Average Respon	4.75

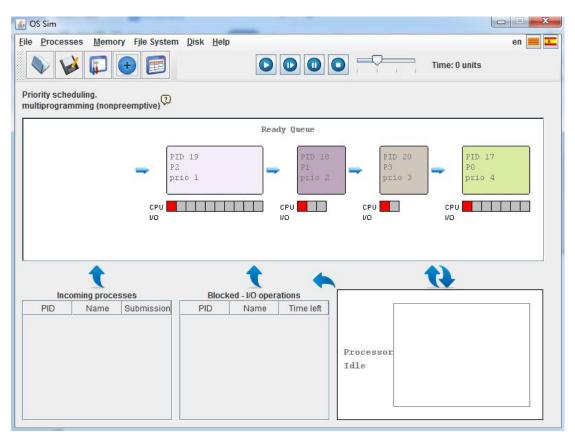
b) Non-Premtive





Process	Waiting Time
PO	5
P1	2
P2	12
Р3	0
Average Waiting Time	4.75
Average Turnaround	10.25
Average Respon	4.75

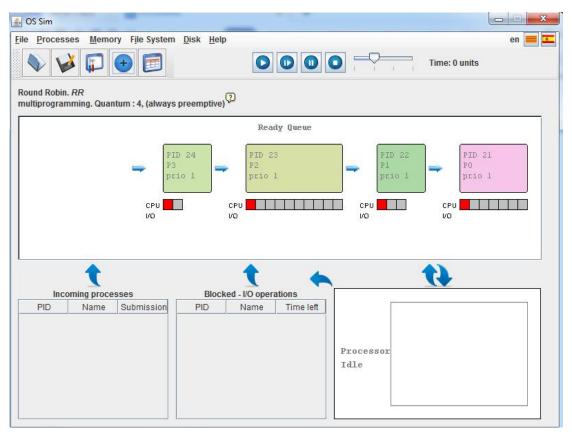
3. Priority Scheduling



fficiency (
hroughput	(processes/t	ime unit)	0.18							
vg. Turnar	ound Time (til	me)	12.50							
vg. Waitin	g Time (time)		7.00							
	T: W:	-1	7.00							
vg. Respo	nse Time (tim	e)	7.00							
vg. Respo	nse Time (tim	e) Priority	7.00 Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
				Periodic	CPU 7	Response 0	Waiting 0	Turnaround 7	% CPU	% IO 0.0
PID	Name	Priority	Submission		1500000			7		
PID 17	Name P0	Priority 4	Submission 0	7-	7	0	0	7	1.0	0.0

Process	Waiting Time
P0	0
P1	9
P2	12
Р3	7
Average Waiting Time	7.00
Average Turnaround	12.50
Average Respon	7.00

4. Round-Robin Quantum 4





Process	Waiting Time
PO	9
P1	4
P2	12
P3	11
Average Waiting Time	9.00
Average Turnaround	14.50
Average Respon	5.50