

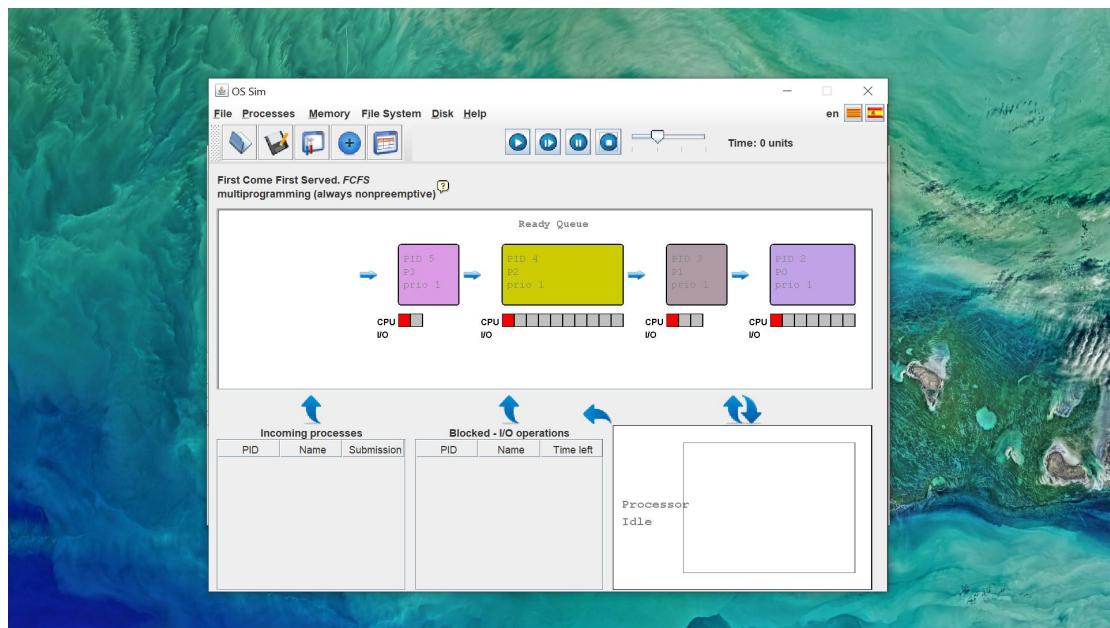
Praktikum SO Modul 11

Nama : Arya Mukti A'raafi Zha Putra

NIM : L200180151

Kelas : D

● FCFS



OS Sim

File Processes Memory File System Disk Help

Process Scheduling Information

Efficiency (%) 1.00

Throughput (processes/time unit) 0.18

Avg. Turnaround Time (time) 14.75

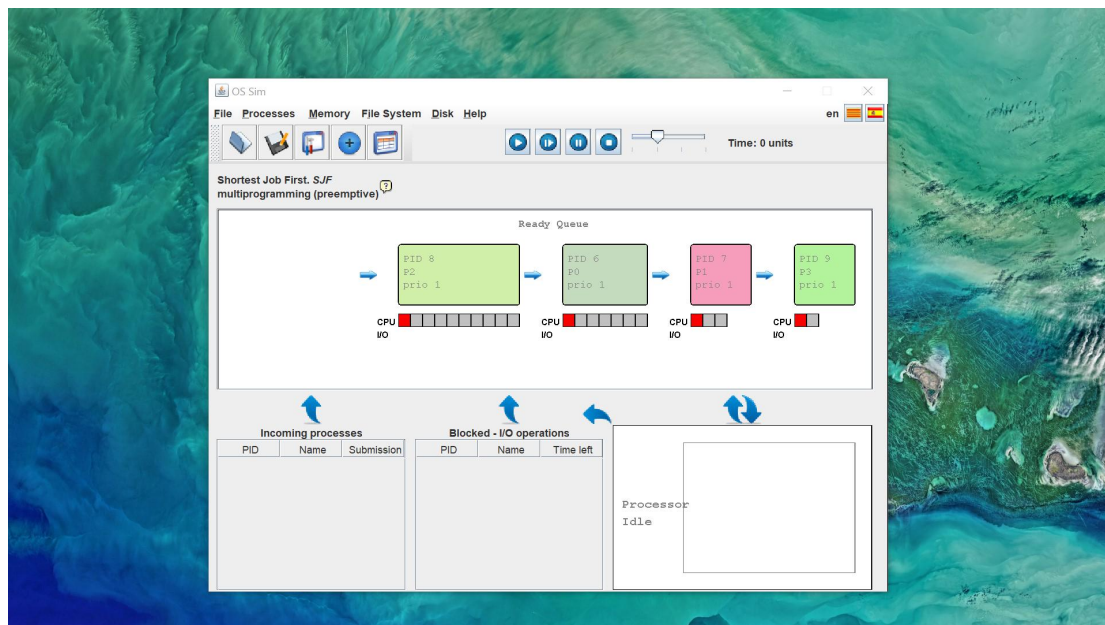
Avg. Waiting Time (time) 9.25

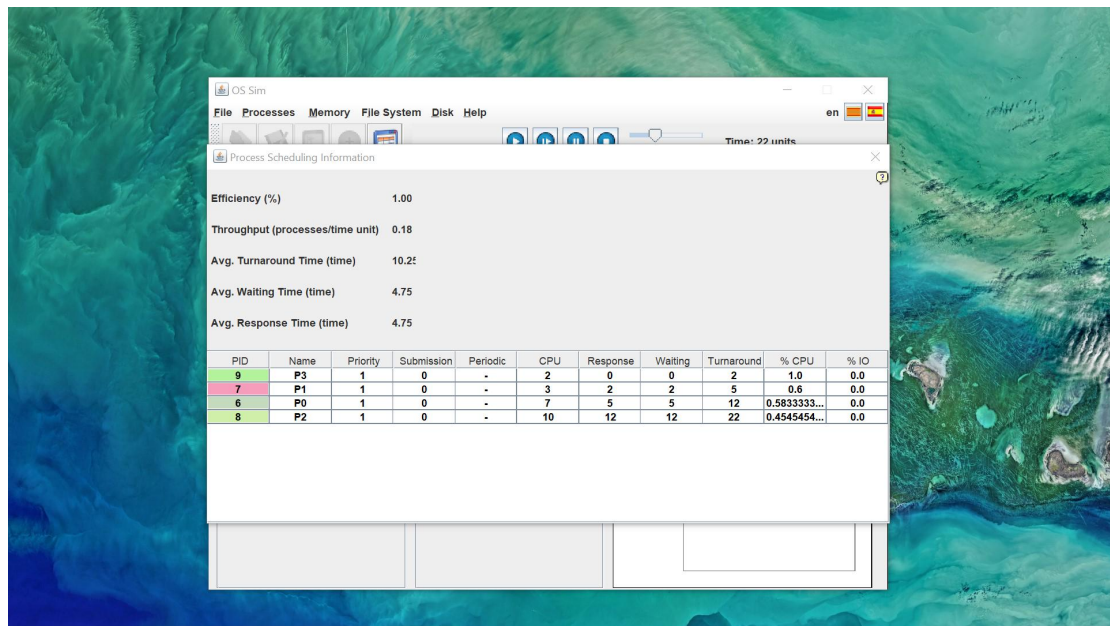
Avg. Response Time (time) 9.25

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

Process	Wait Time
P0	0
P1	7
P2	10
P3	20
Av Waiting Time	9,25
Av Turnaround	14,75
Av Response Time	9,25

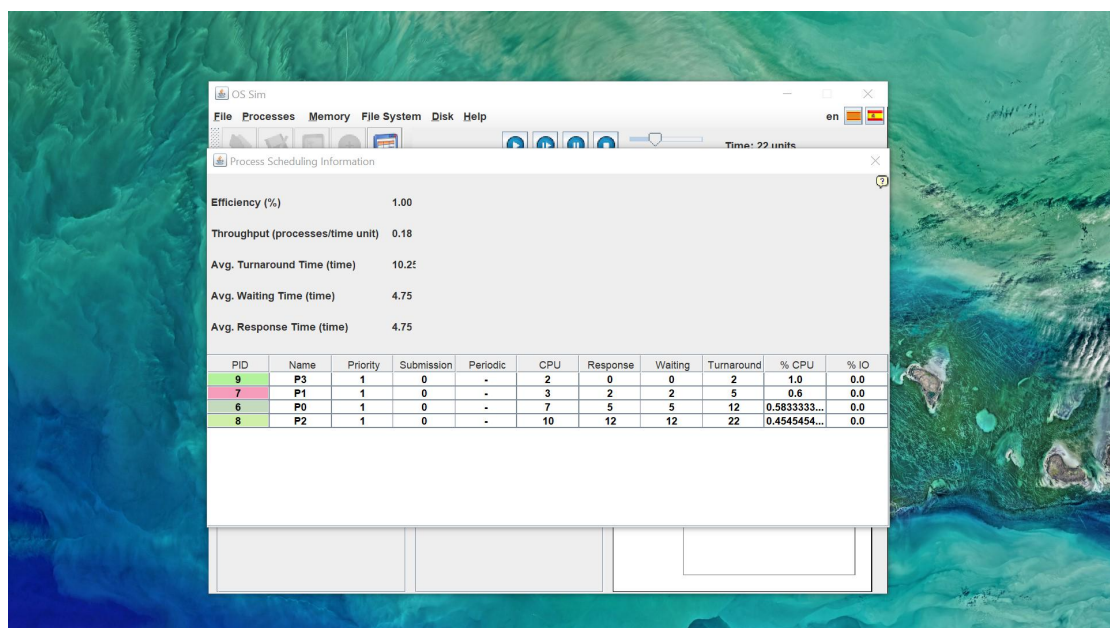
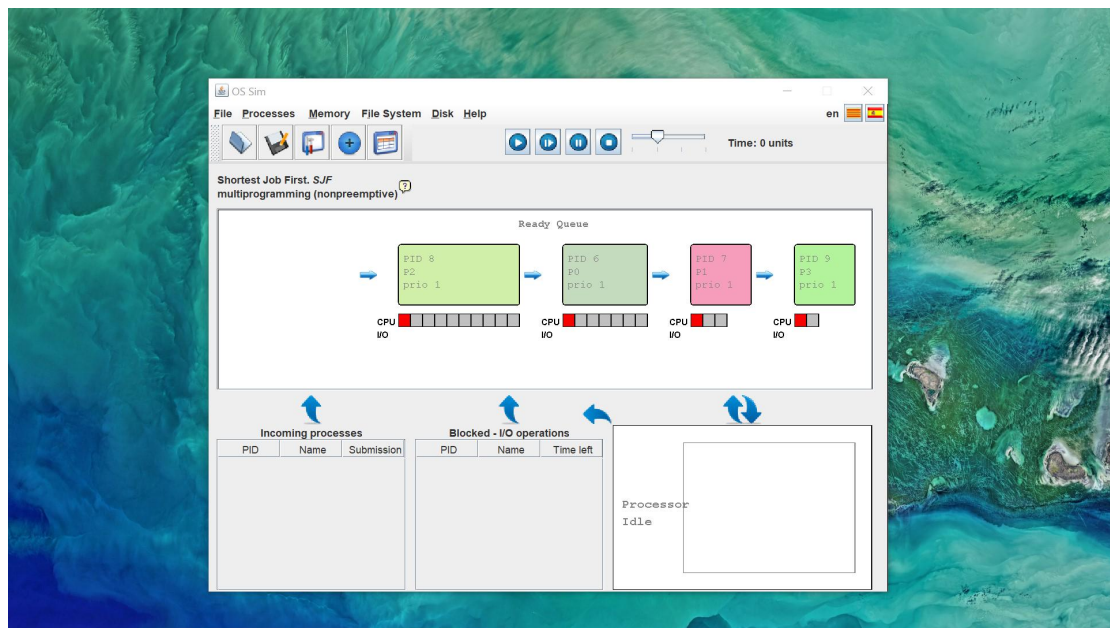
● SJFS Preemptive





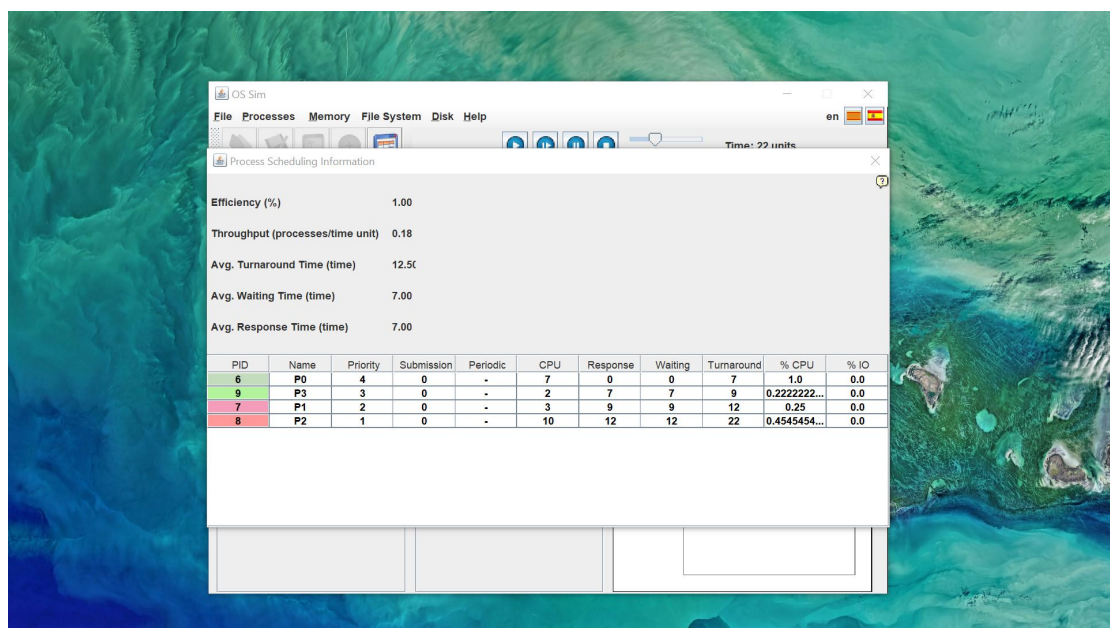
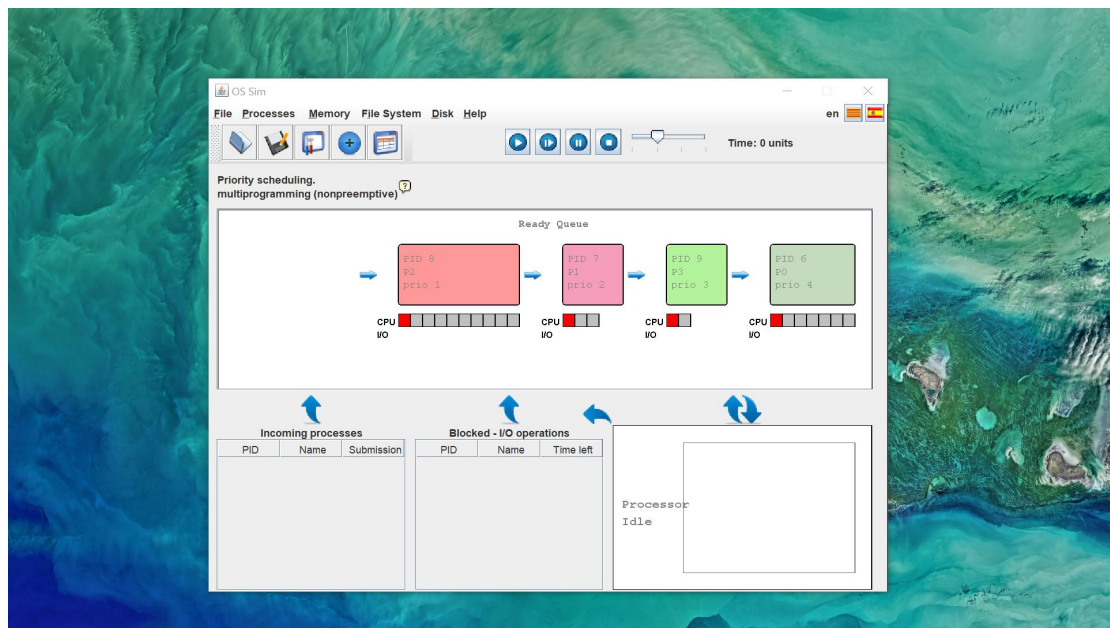
Process	Wait Time
P0	5
P1	2
P2	12
P3	0
Av Waiting Time	4,75
Av Turnaround	10,25
Av Response Time	4,75

● SJFS Non Preemptive



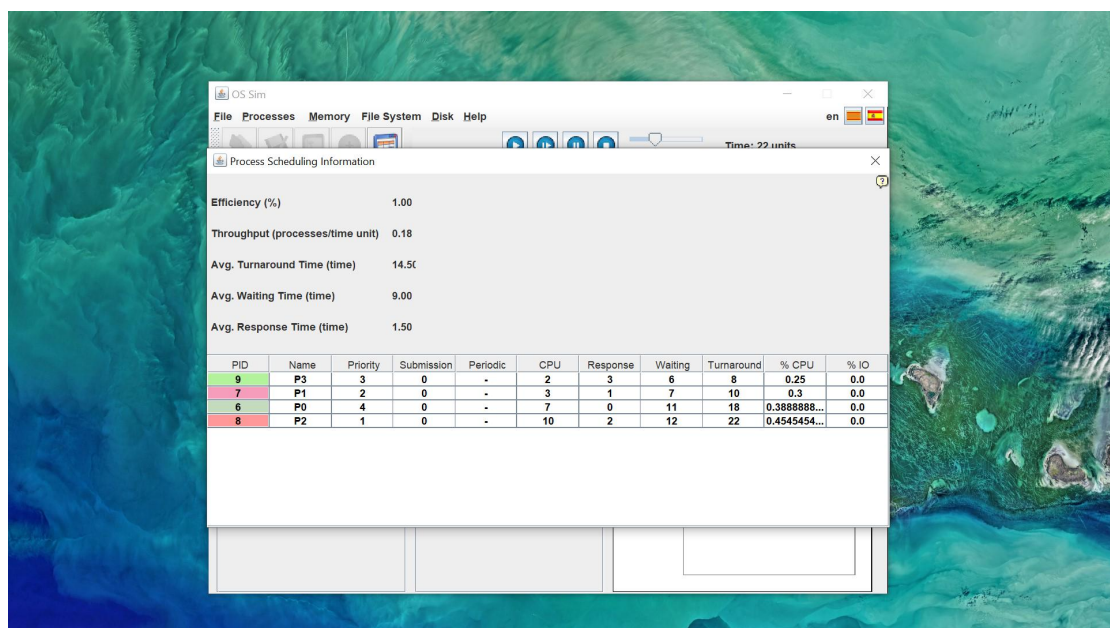
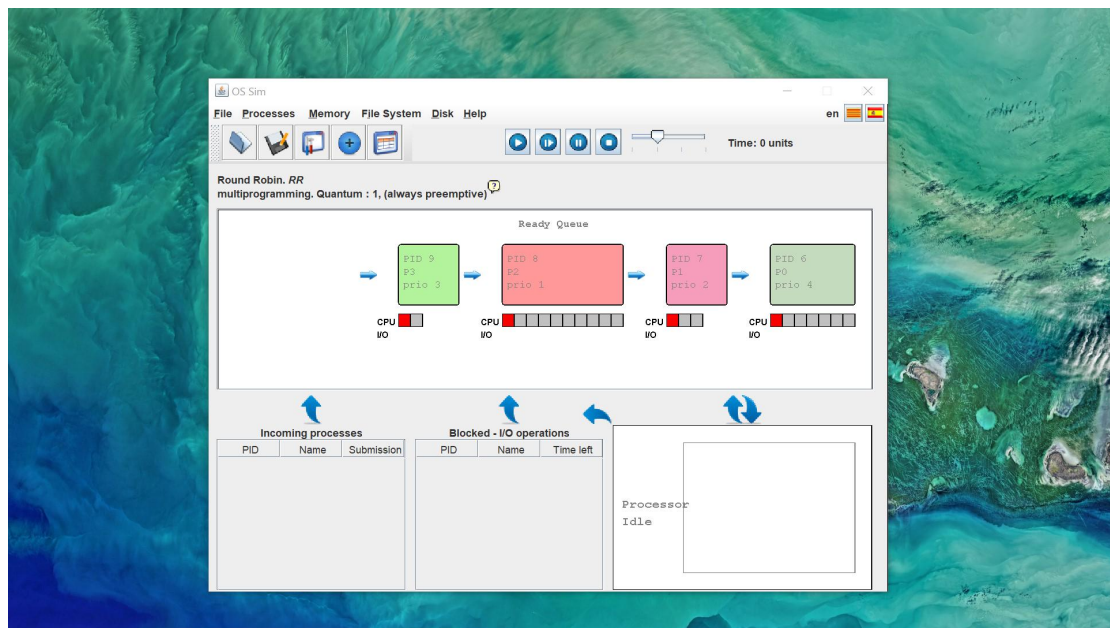
Process	Wait Time
P0	5
P1	2
P2	12
P3	0
Av Waiting Time	4,75
Av Turnaround	10,25
Av Response Time	4,75

- Priority Scheduling



Process	Wait Time
P0	0
P1	9
P2	12
P3	7
Av Waiting Time	7,00
Av Turnaround	12,50
Av Response Time	7,00

● Round Robin



Process	Wait Time
P0	11
P1	7
P2	12
P3	6
Av Waiting Time	9,00
Av Turnaround	14,50
Av Response Time	1,50

