

NAMA : IRVAN RIFA'I
 NIM : L200180214
 Kelas : E

FCFS

Proses	Arrival time	Burst time	Service time	Priority
P0	0	7	0	4
P1	1	3	7	2
P2	2	10	10	1
P3	3	2	20	3

OS Sim

File Processes Memory File System Disk Help

Time: 22 units

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
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

Page Num: 1 Page: 1/1 Section: 1/1 SetValue: 1in Row: 1 Column: 1 Words: 0 Spell Check

4:45 PM 12/11/2019

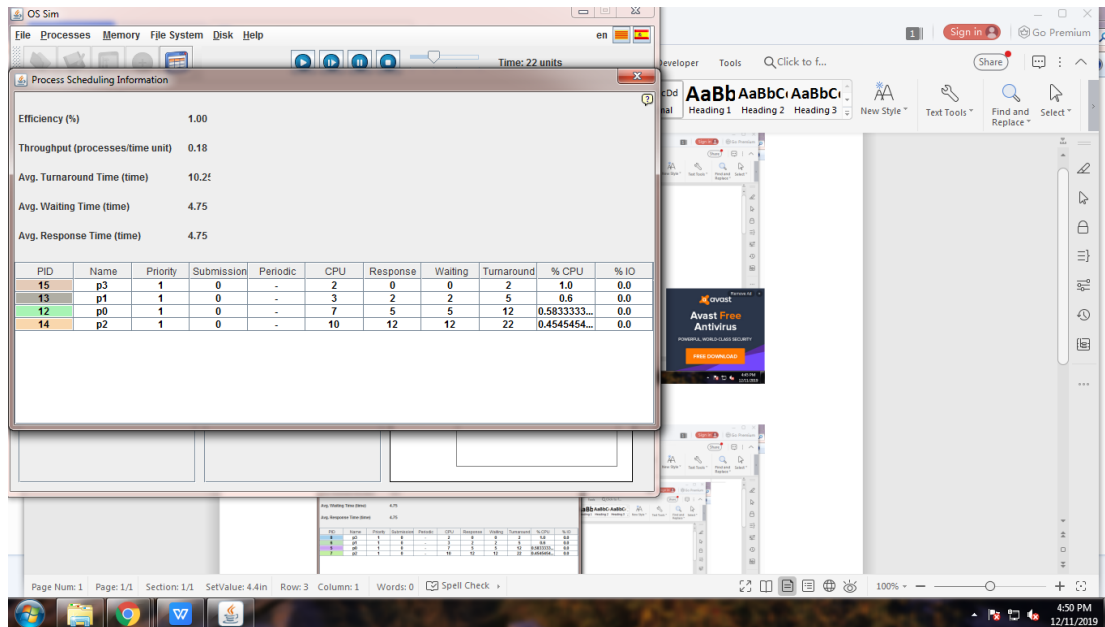
Avast Free Antivirus

POWERFUL, WORLD-CLASS SECURITY

FREE DOWNLOAD

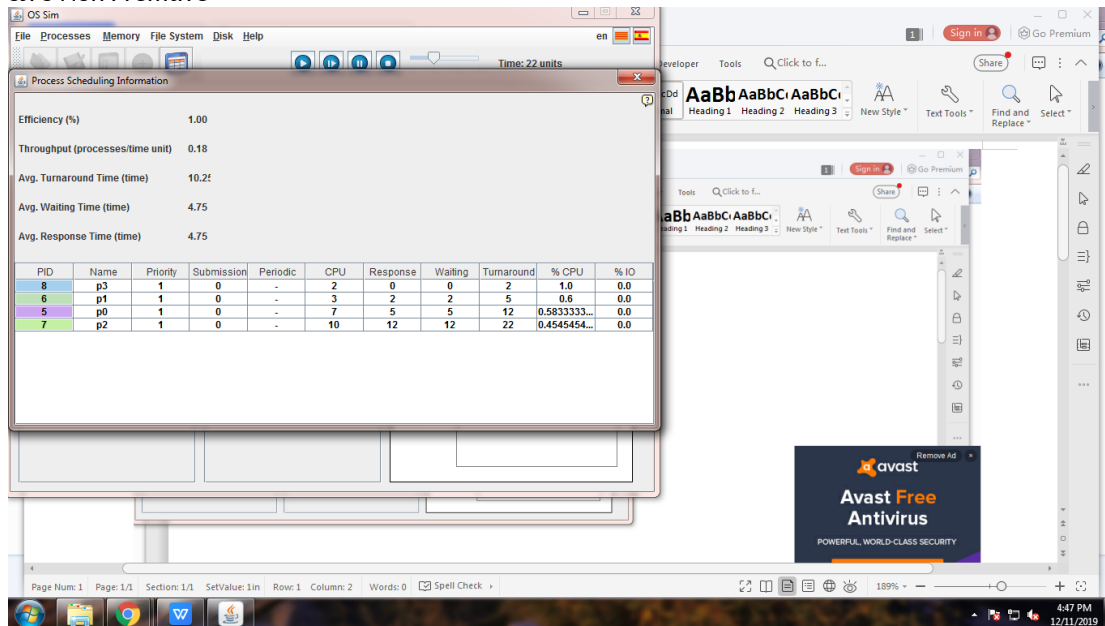
Procces	Wait time
P0	0
P1	7
P2	10
P3	20
Av Wait time	9.25
Av Turnaround	14.75
Av Response	9.25

SJFS Premtive



Procces	Wait time
P0	5
P1	2
P2	12
P3	0
Av Wait time	4.75
Av Turnaround	10.25
Av Response	4.75

SJFS Non Premtive



Procces	Wait time
P0	5
P1	2
P2	12
P3	0

Av Wait time	4.75
Av Turnaround	10.25
Av Response	4.75

Priority Scheduling

OS Sim - Process Scheduling Information

Time: 22 units

Efficiency (%) 1.00

Throughput (processes/time unit) 0.18

Avg. Turnaround Time (time) 12.50

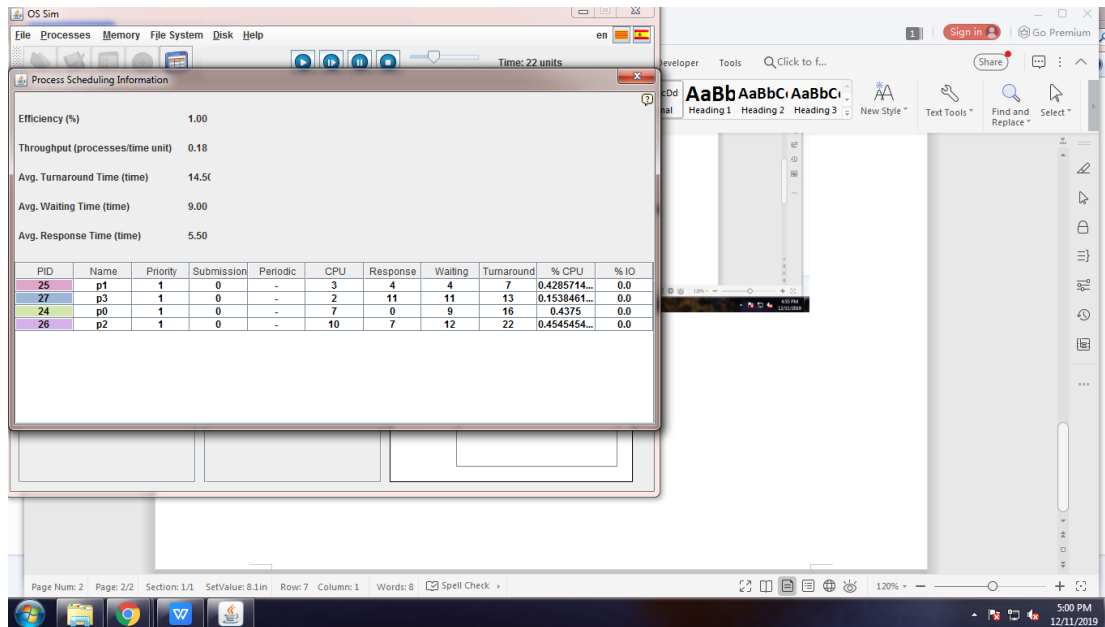
Avg. Waiting Time (time) 7.00

Avg. Response Time (time) 7.00

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
20	p0	4	0	-	7	0	0	7	1.0	0.0
23	p3	3	0	-	2	7	7	9	0.222222...	0.0
21	p1	2	0	-	3	9	9	12	0.25	0.0
22	p2	1	0	-	10	12	12	22	0.454545...	0.0

Process	Wait time
P0	0
P1	9
P2	12
P3	7
Av Wait time	7.00
Av Turnaround	12.50
Av Response	7.00

Round Robin qt=4



Procces	Wait time
P0	9
P1	4
P2	12
P3	11
Av Wait time	9.00
Av Turnaround	14.50
Av Response	5.50