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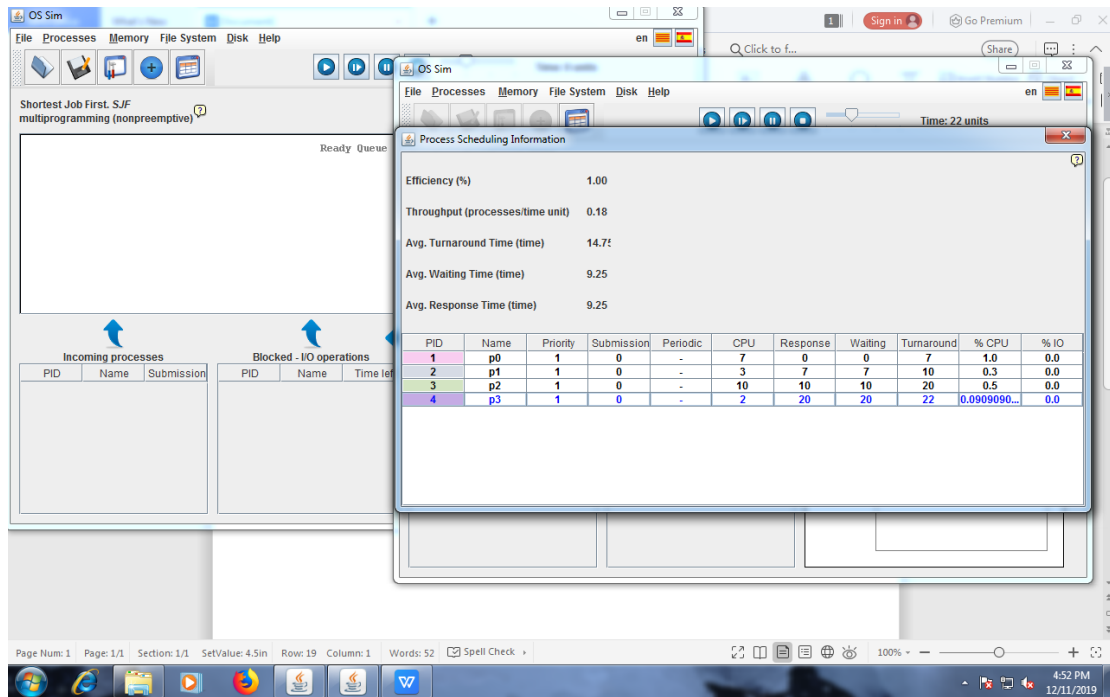
NIM : L200180204

Praktikum SO

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

FCFS

Proses	WaitTime
P0	0
P1	7
P2	10
P3	20
Average Waiting Time	9.25
Average Turnaround Time	14.75
Average Response Time	9.25

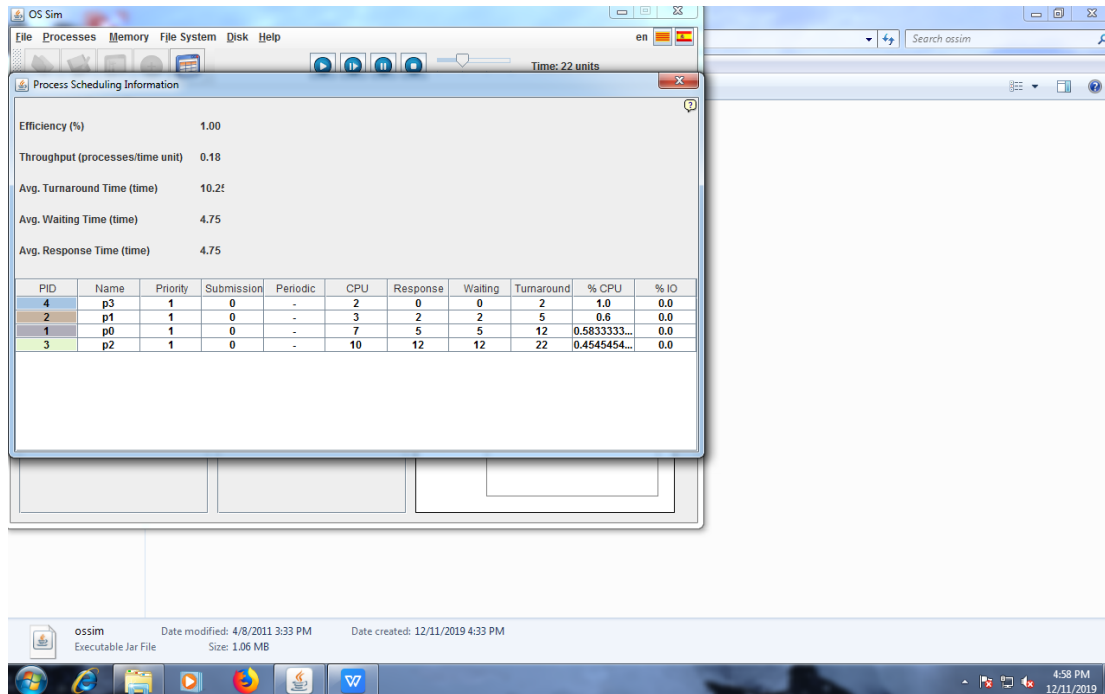


SJFS

Preemptive

Proses	WaitTime
P0	5
P1	2

P2	12
P3	0
Average Waiting Time	4.75
Average Turnaround Time	10.25
Average Response Time	4.75

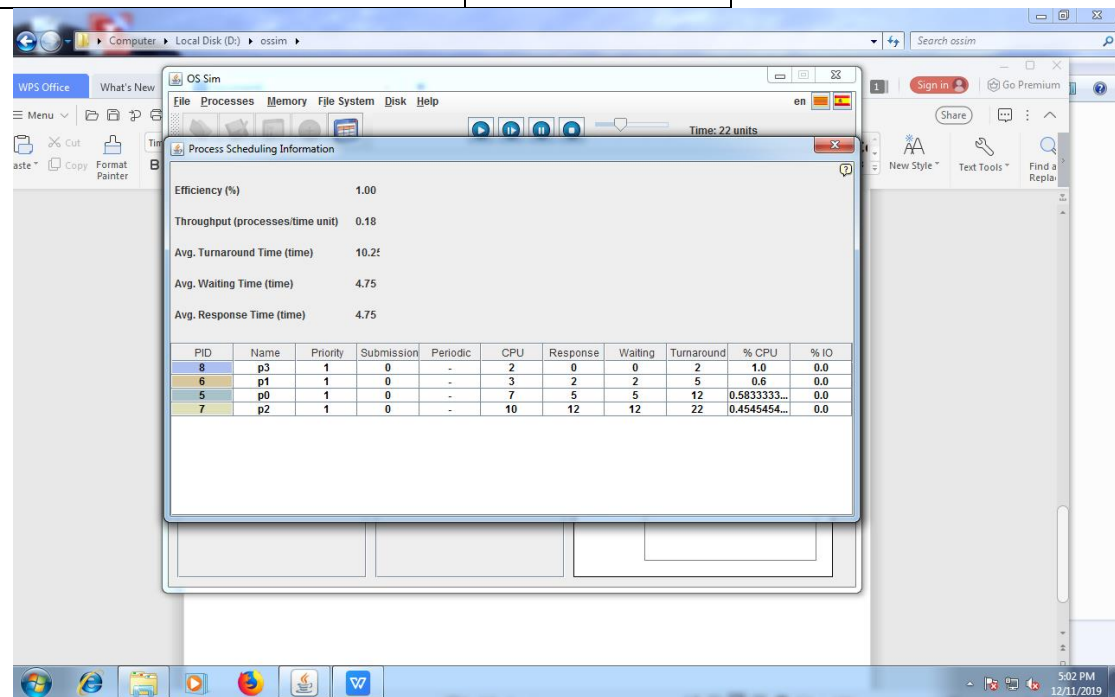


## Non Preemptive

Proses	WaitTime
P0	5
P1	2
P2	12
P3	0
Average Waiting Time	4.75
Average Turnaround Time	10.25

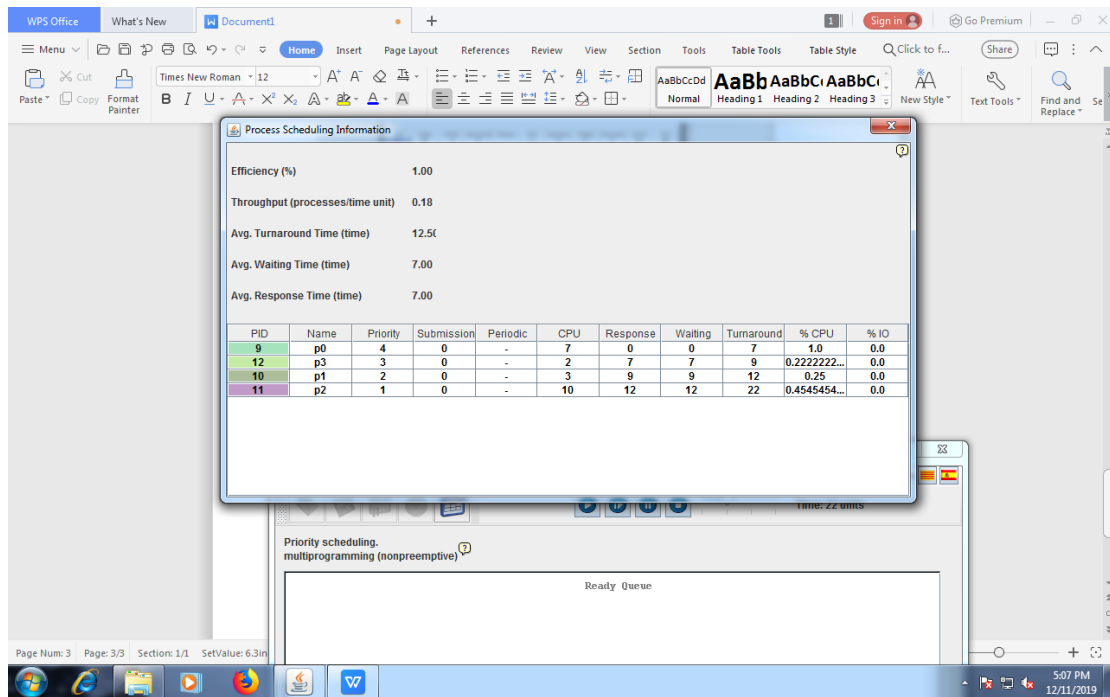
Average Response Time

4.75



Priority Time

Proses	WaitTime
P0	0
P1	9
P2	12
P3	7
Average Waiting Time	7
Average Turnaround Time	12.50
Average Response Time	7



## Round Robin

Proses	WaitTime
P0	9
P1	4
P2	12
P3	11
Average Waiting Time	9
Average Turnaround Time	14.50
Average Response Time	5.50

The screenshot shows the WPS Office application interface. The top menu bar includes 'WPS Office', 'What's New', 'Document1', and a 'Sign in' button. The main workspace displays a document with text 'AaBbCcDd' and 'AaBbCcDd'. A window titled 'OS Sim' is open, showing a process scheduling simulation. The window has tabs for 'File', 'Processes', 'Memory', 'File System', 'Disk', and 'Help'. The 'Processes' tab is active, displaying 'Process Scheduling Information'. The simulation shows a progress bar at 'Time: 22 units'. Below the progress bar, the following statistics are listed:

- Efficiency (%) 1.00
- Throughput (processes/time unit) 0.18
- Avg. Turnaround Time (time) 14.50
- Avg. Waiting Time (time) 9.00
- Avg. Response Time (time) 5.50

Below the statistics is a table with the following data:

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
14	p1	2	0	-	3	4	4	7	0.4285714...	0.0
16	p3	3	0	-	2	11	11	13	0.1538461...	0.0
13	p0	4	0	-	7	0	9	16	0.4375	0.0
15	p2	1	0	-	10	7	12	22	0.4545454...	0.0

The bottom status bar shows 'Page Num: 4', 'Page: 4/4', 'Section: 1/1', 'SetValue: 2.7in', 'Row: 1', 'Column: 5', 'Words: 155', and 'Spell Check'. The system tray at the bottom right shows the time '5:10 PM' and date '12/11/2019'.