

Nama : Nadya Ayu Widya

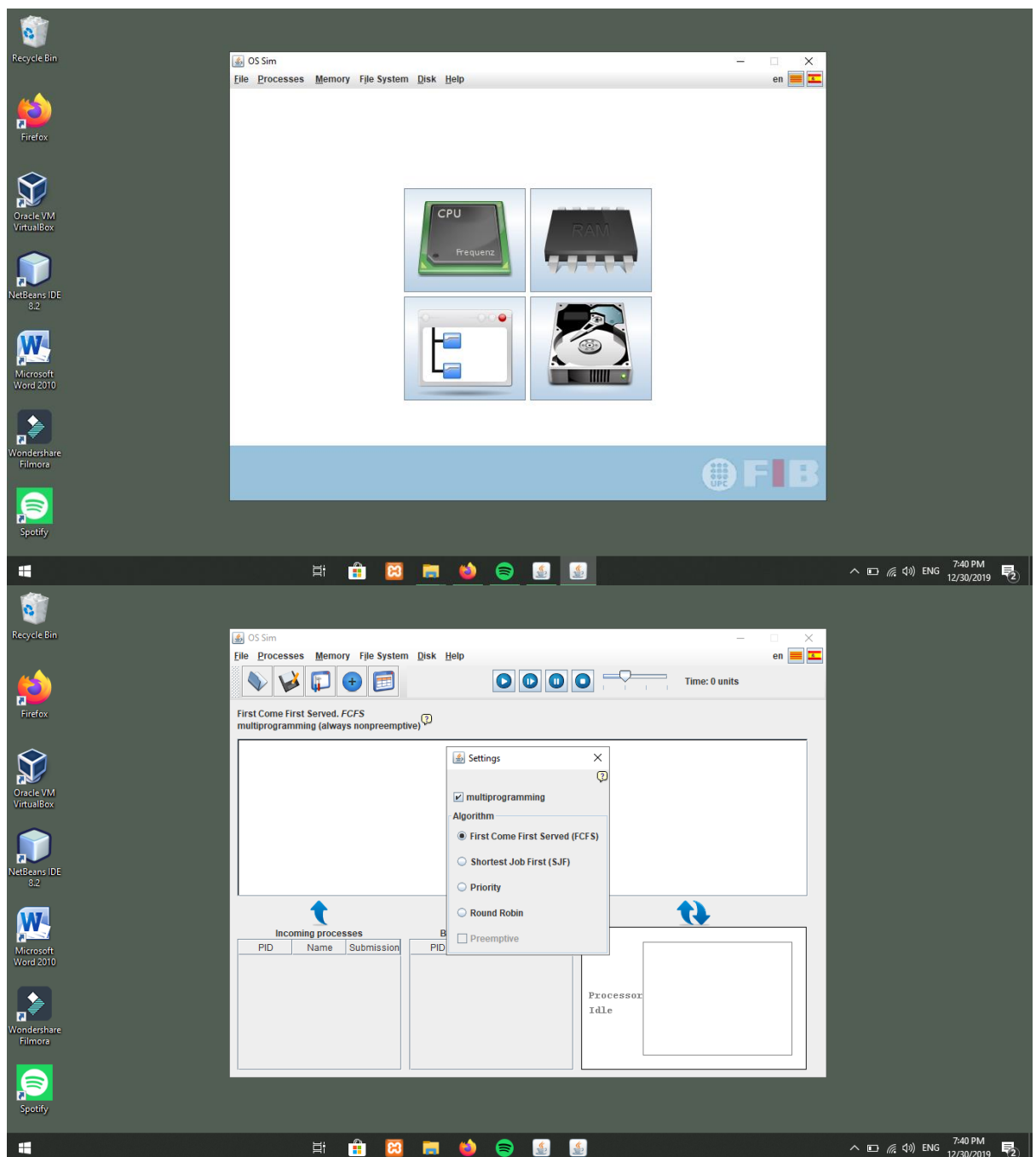
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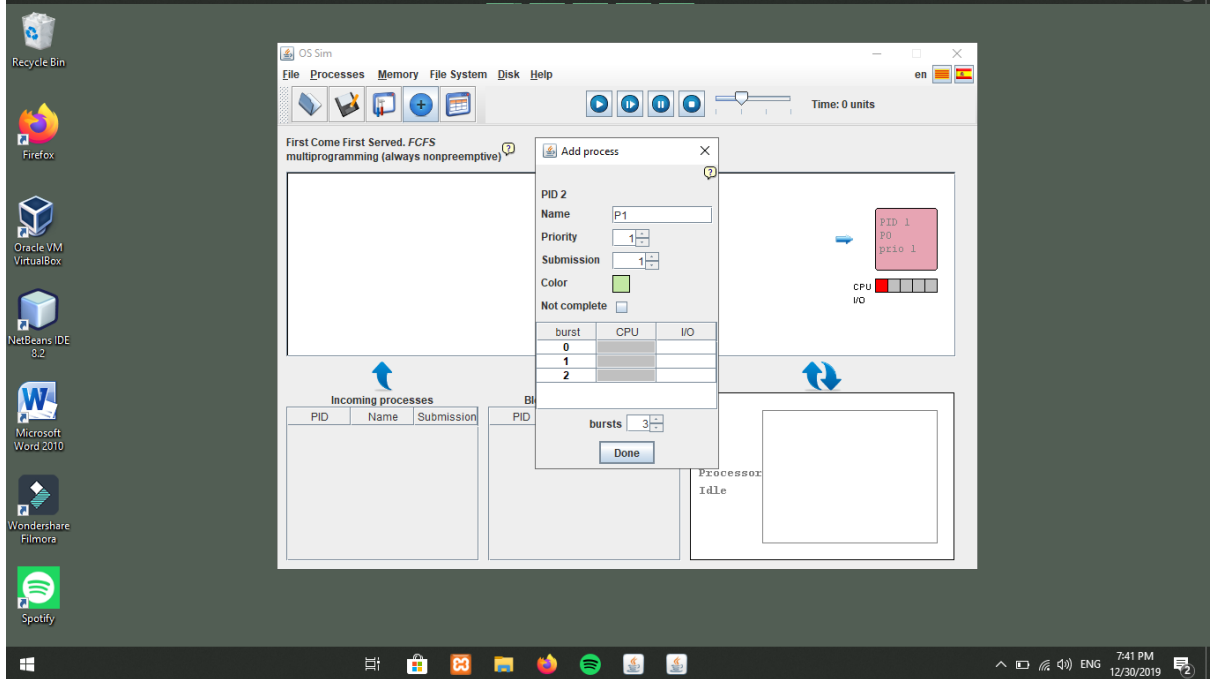
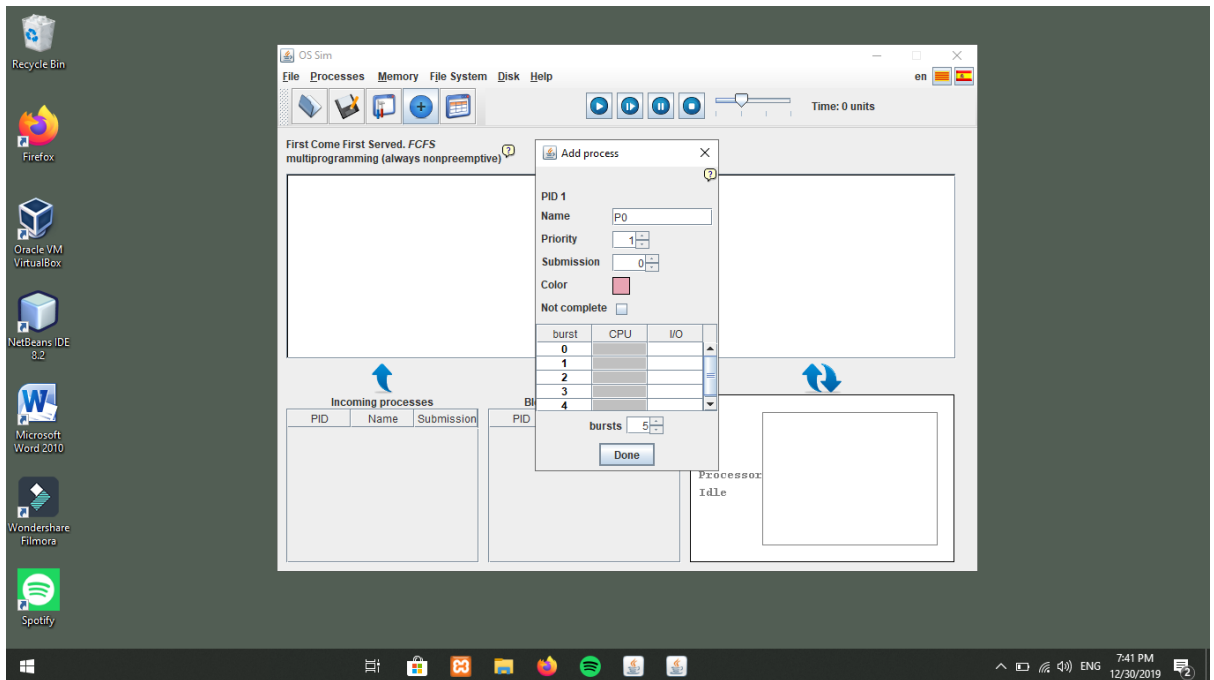
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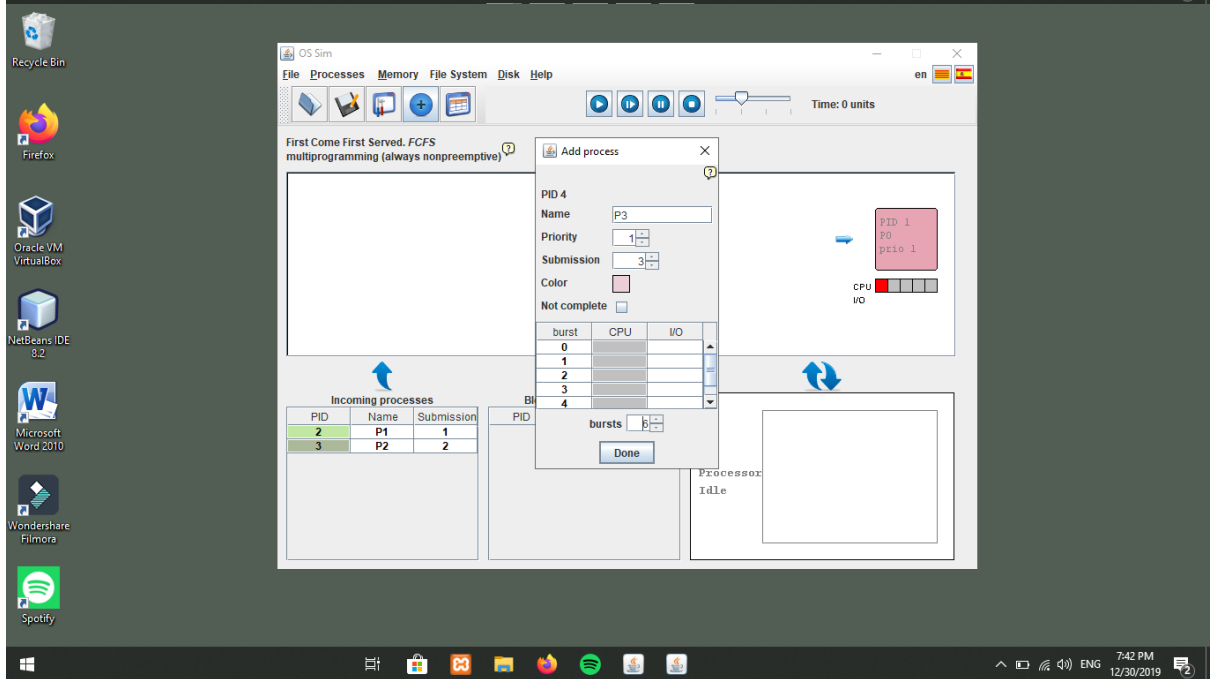
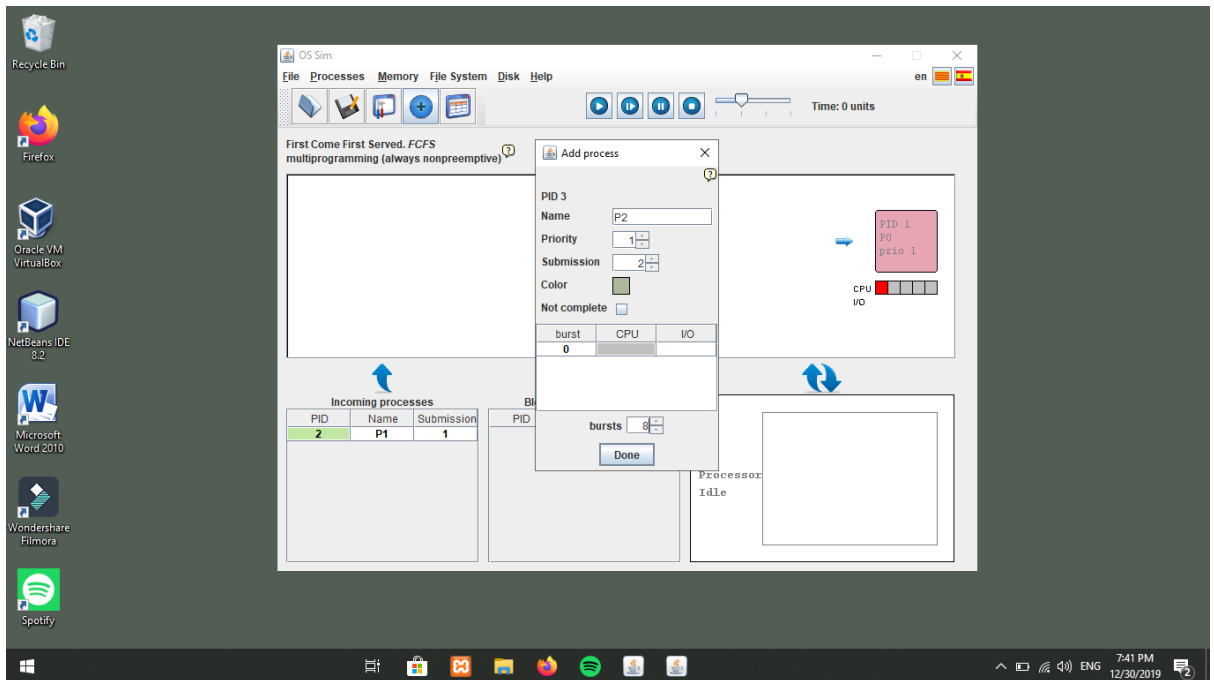
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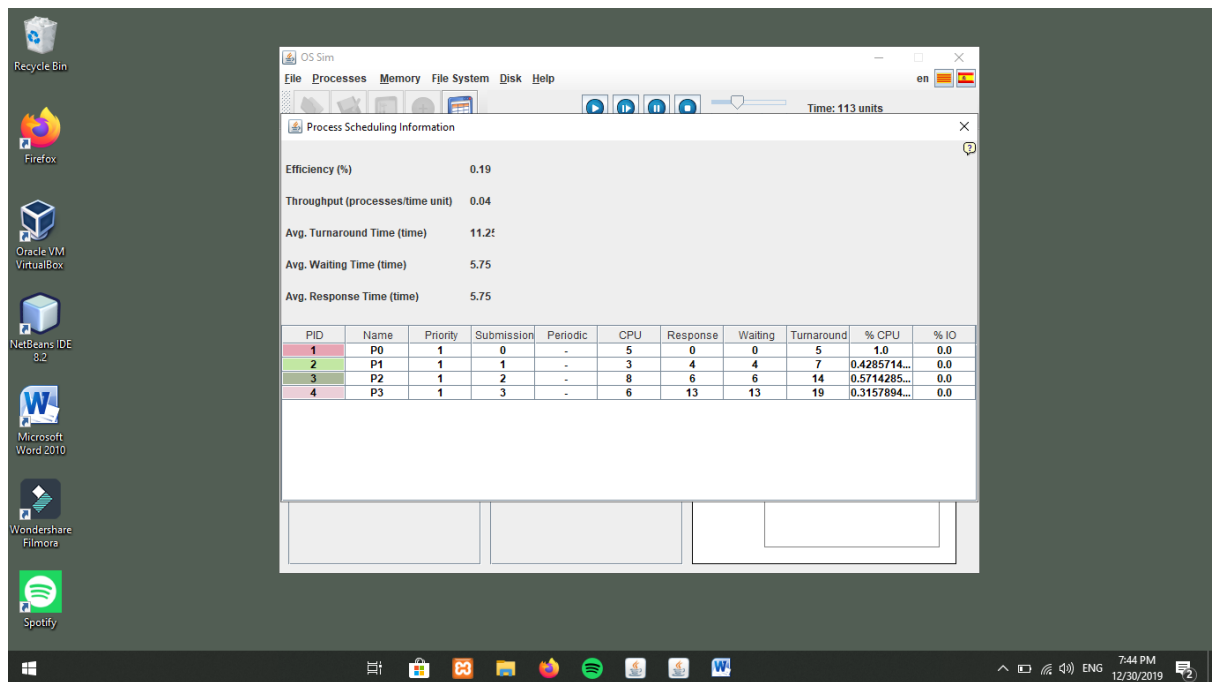
### 1. FCFS

Process	Arrival Time	Burst Time	Service Time
P0	0	5	0
P1	1	3	4
P2	2	8	6
P3	3	6	13

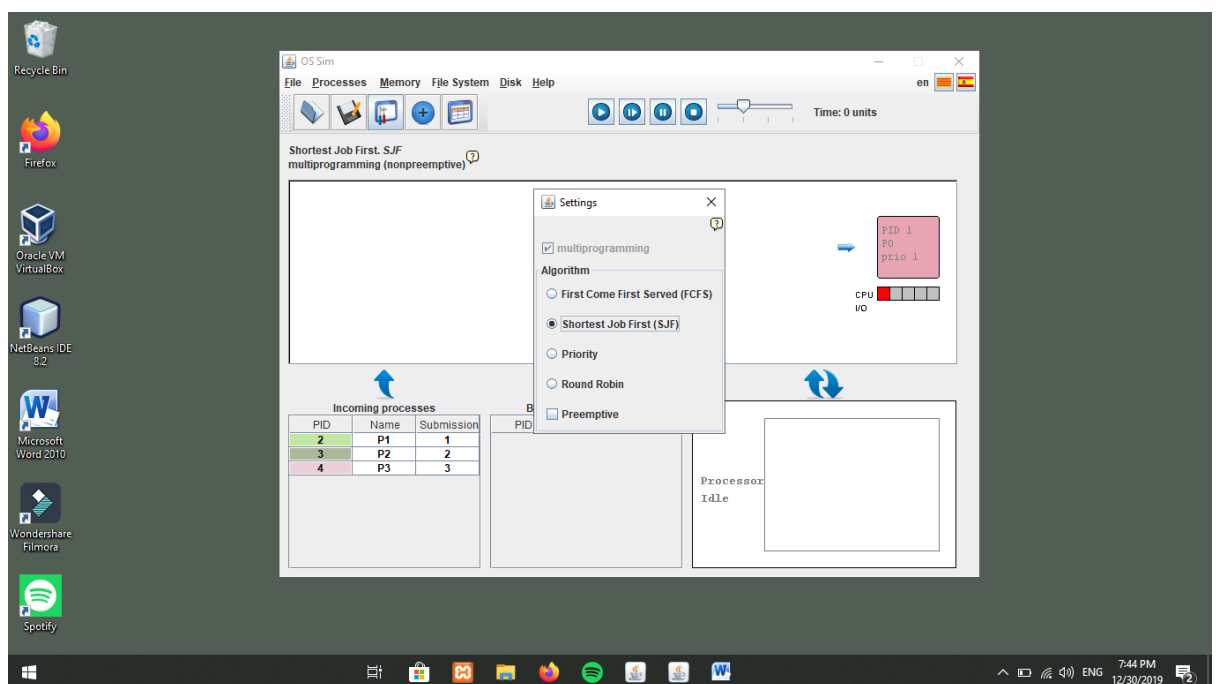








## 2. SJF



Recycle Bin

Firefox

Oracle VM VirtualBox

NetBeans IDE 8.2

Microsoft Word 2010

Wondershare Filmora

Spotify

OS Sim

File Processes Memory File System Disk Help

Time: 25 units

Process Scheduling Information

Efficiency (%)0.88

Throughput (processes/time unit)0.16

Avg. Turnaround Time (time)10.75

Avg. Waiting Time (time)5.25

Avg. Response Time (time)5.25

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
1	P0	1	0	-	5	0	0	5	1.0	0.0
2	P1	1	1	-	3	4	4	7	0.4285714...	0.0
4	P3	1	3	-	6	5	5	11	0.5454545...	0.0
3	P2	1	2	-	8	12	12	20	0.4	0.0

7:45 PM

12/30/2019

Recycle Bin

Firefox

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File Processes Memory File System Disk Help

Time: 0 units

Shortest Job First, S/JF multiprogramming (preemptive)

Settings

☒ multiprogramming

Algorithm

☐ First Come First Served (FCFS)

☒ Shortest Job First (S/JF)

☐ Priority

☐ Round Robin

☒ Preemptive

Incoming processes

PID	Name	Submission
2	P1	1
3	P2	2
4	P3	3

PID 1

P0

prio 1

CPU

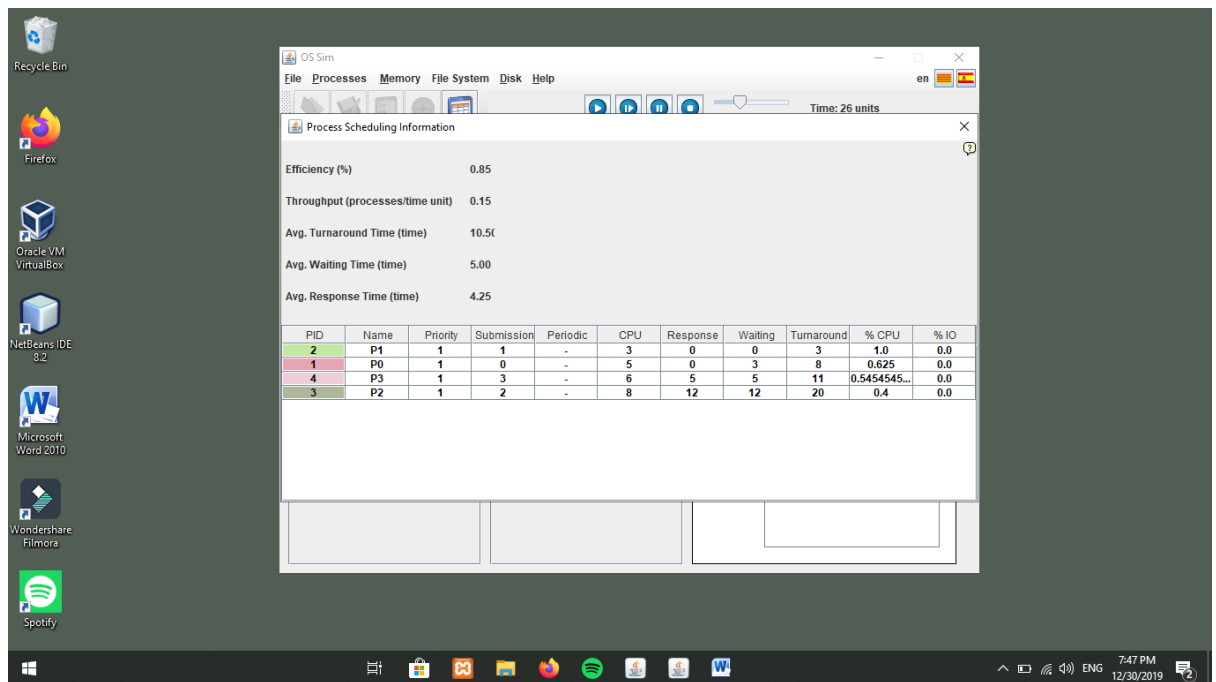
IO

Processors

Idle

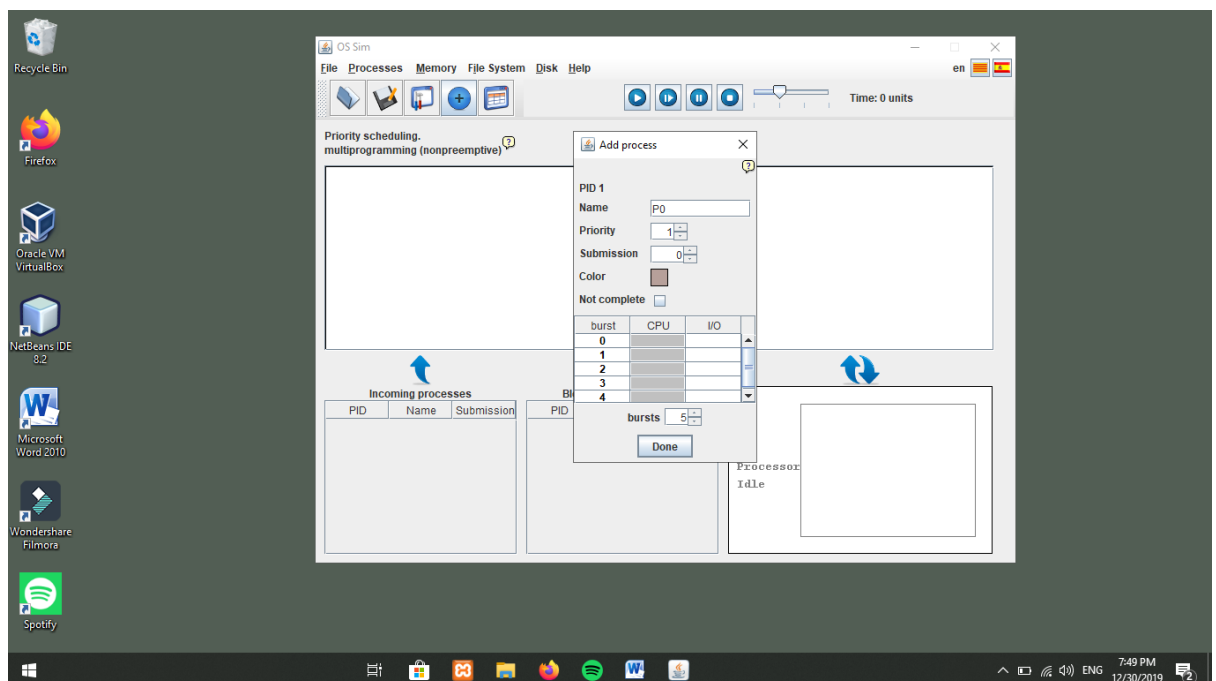
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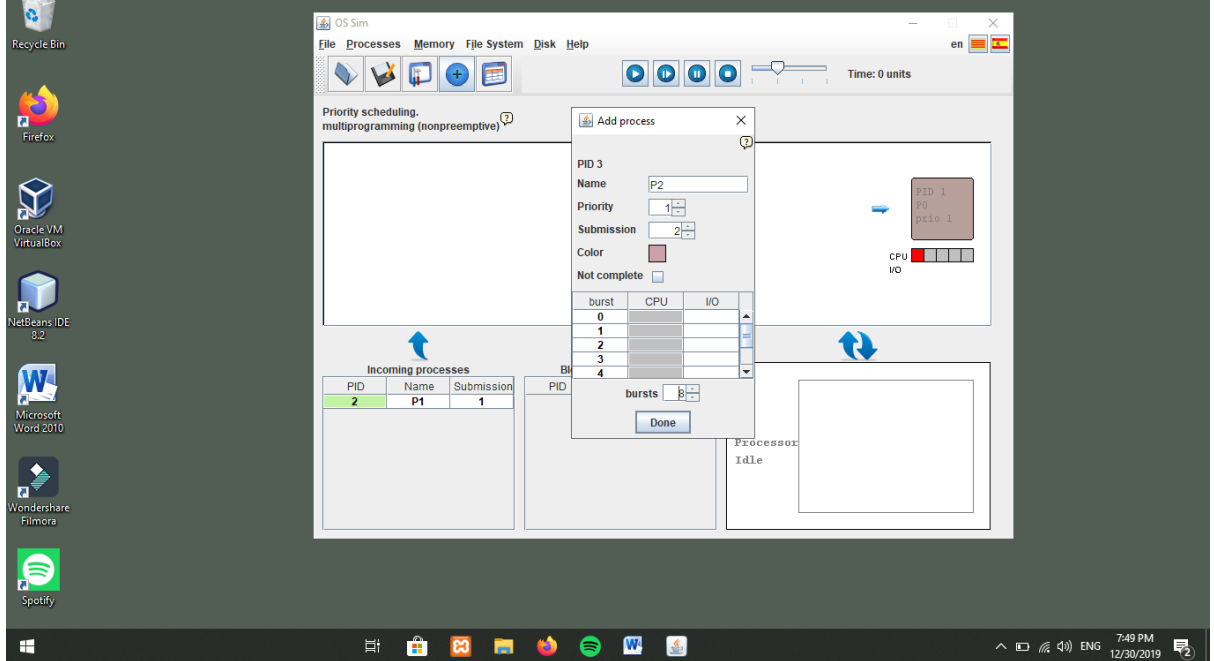
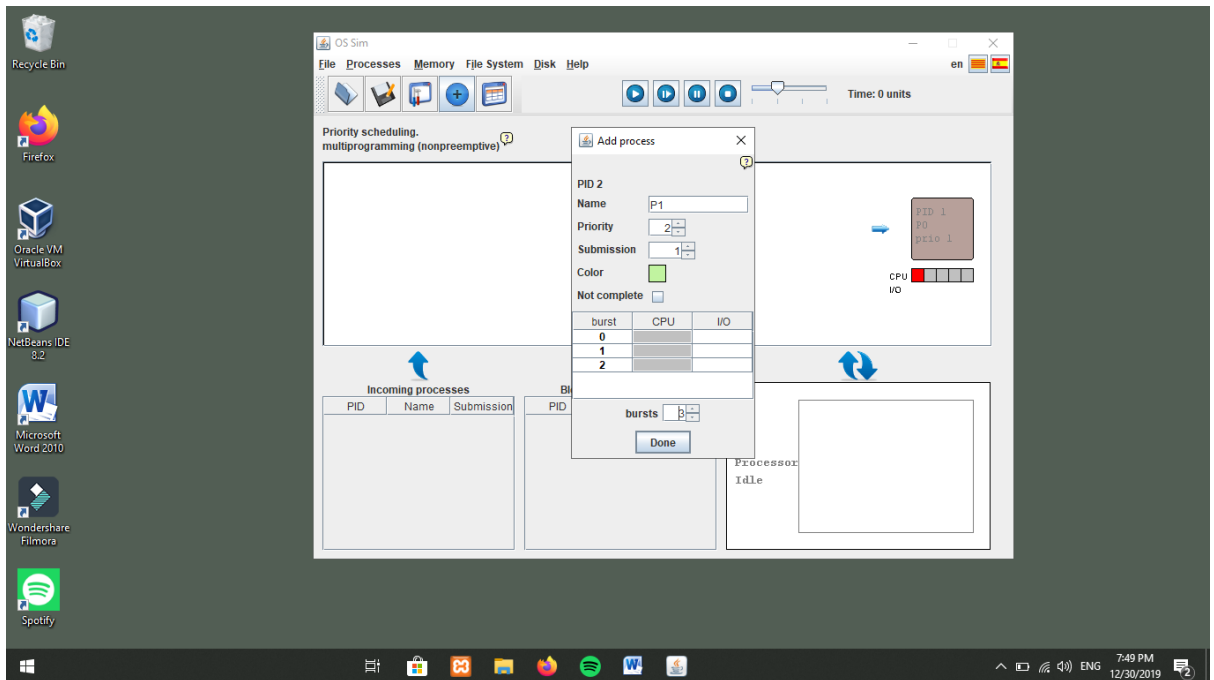
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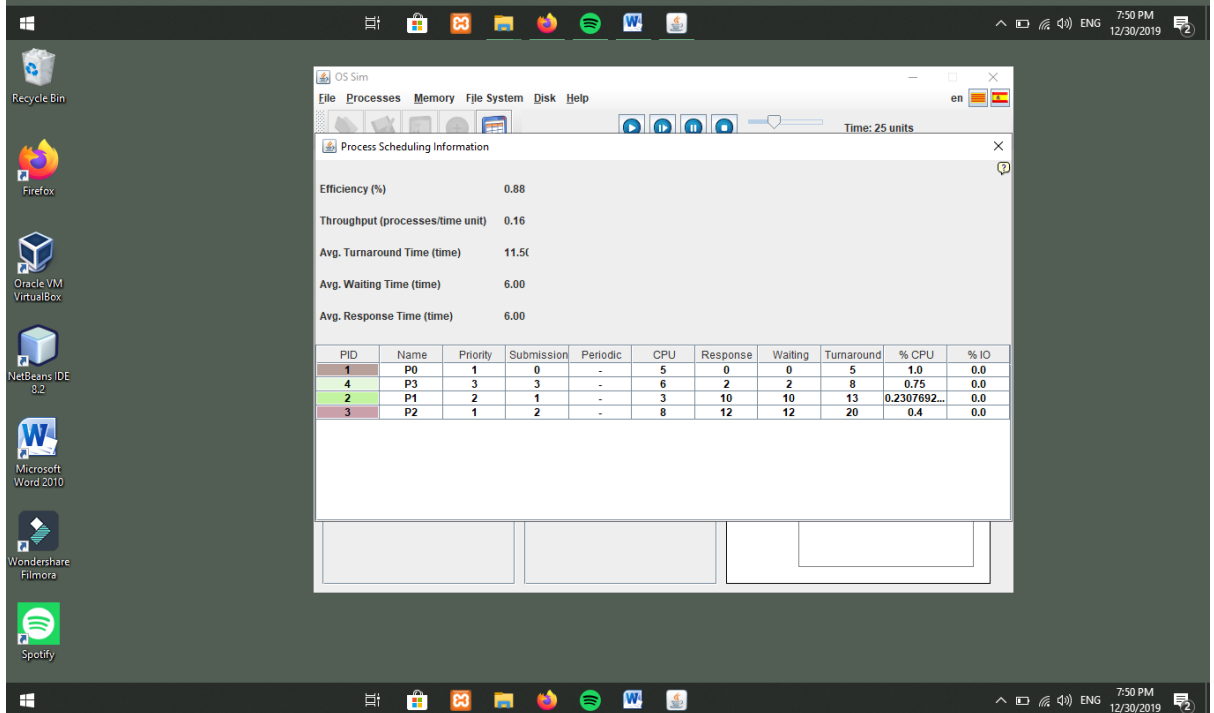
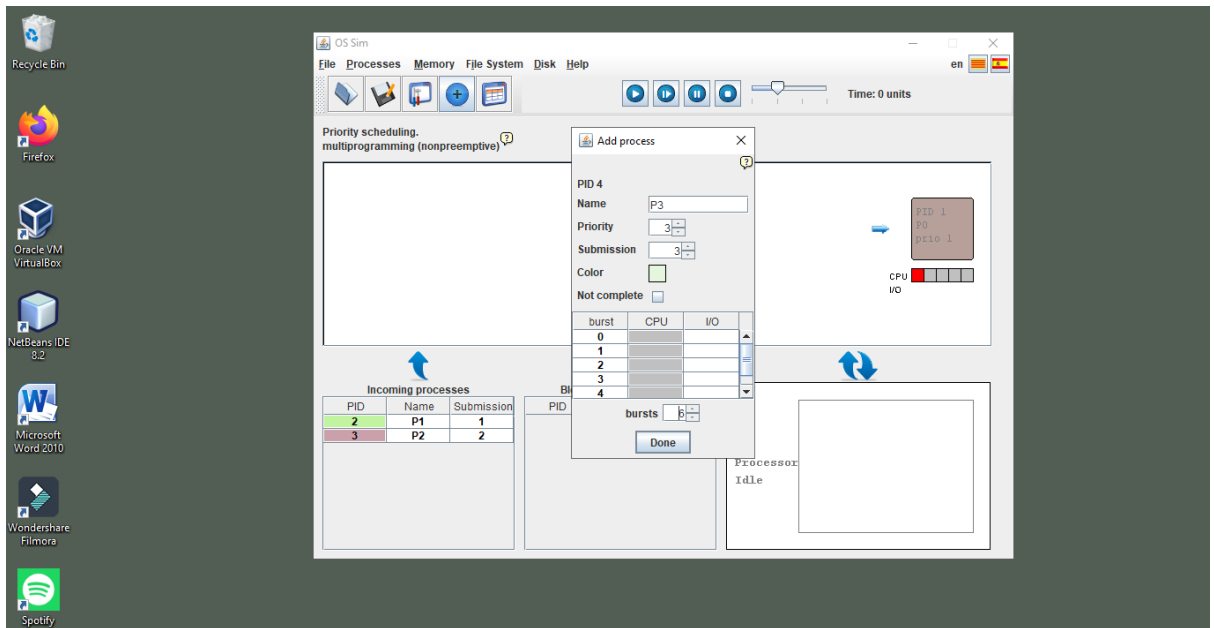


### 3. PRIORITY

Process	Arrival Time	Burst Time	Priority	Service Time
P0	0	5	1	0
P1	1	3	2	2
P2	2	8	1	10
P3	3	6	3	12









#### 4. ROUND ROBIN (Quantum = 3)

