Nama : Karina Muslimah

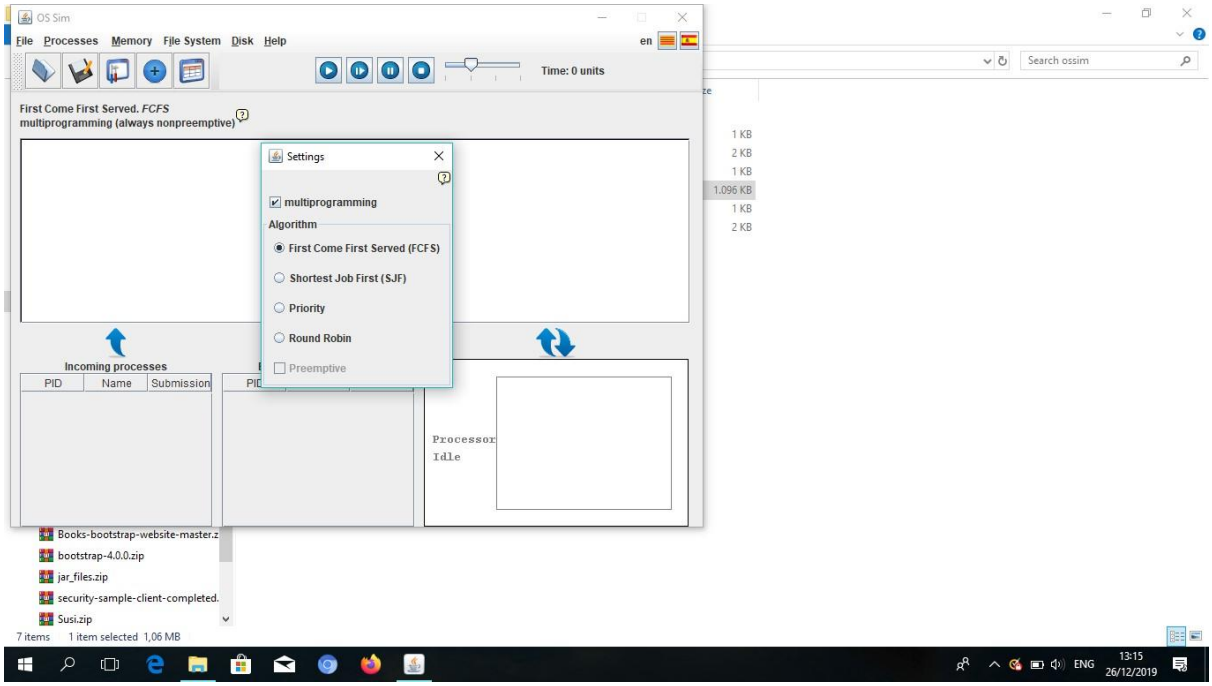
NIM : L200180138

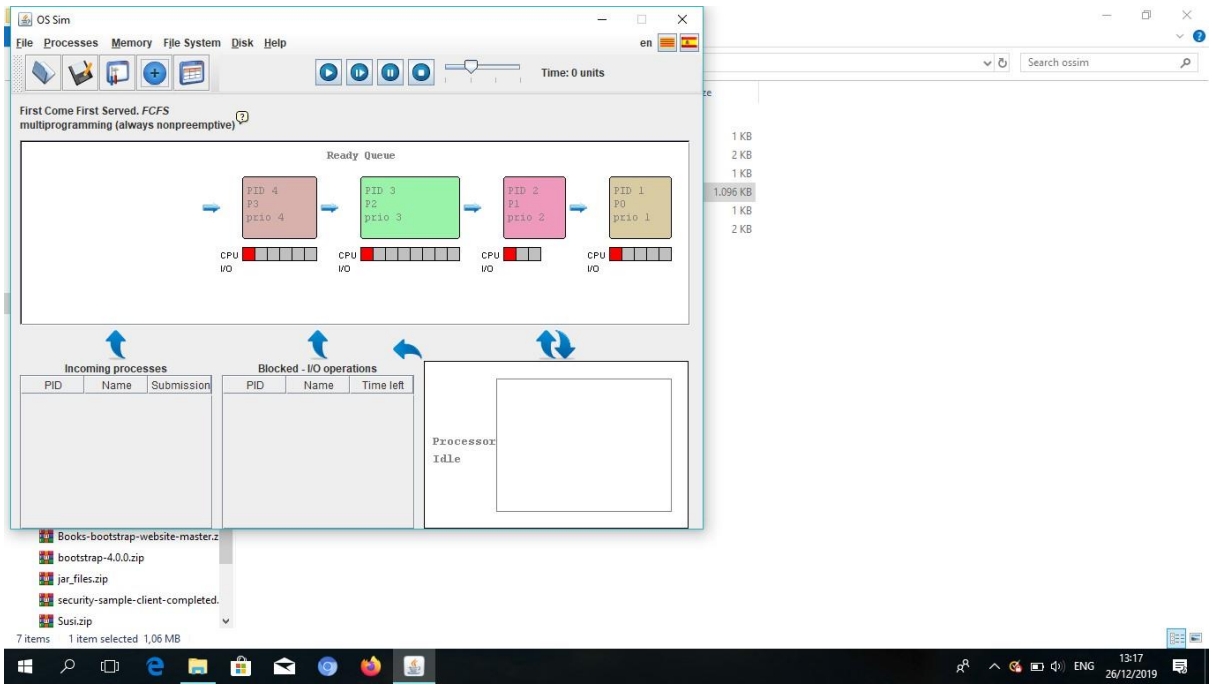
Kelas : C

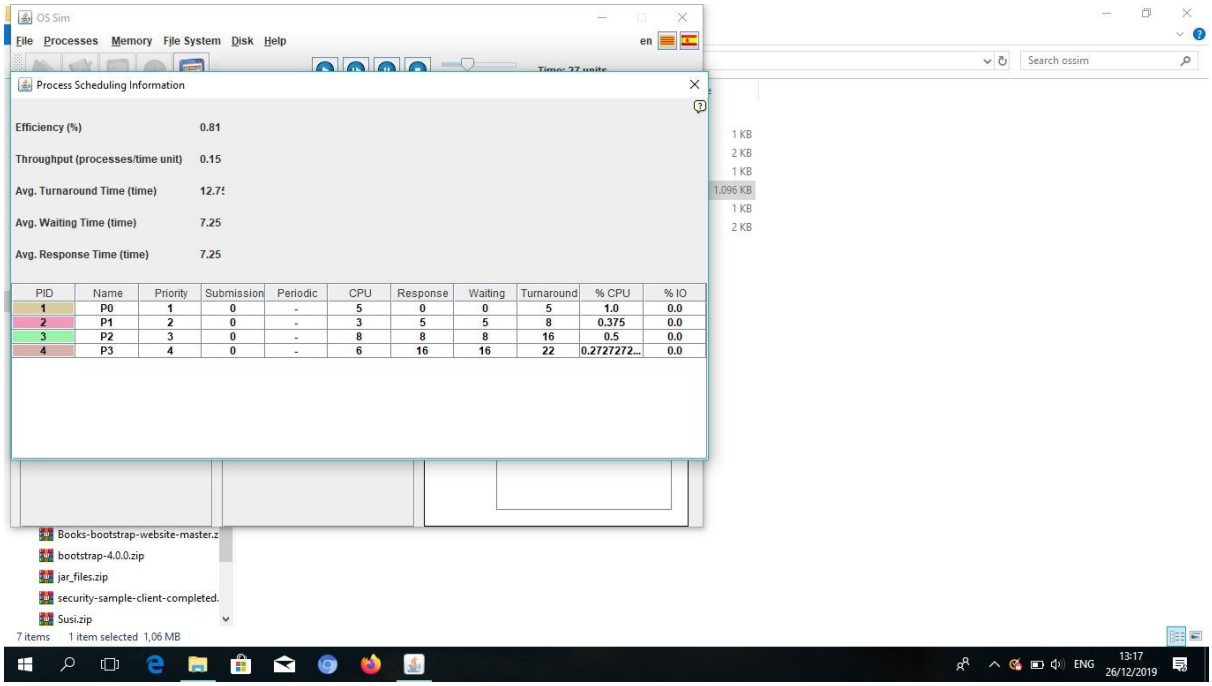
Modul11

1. FCFS

Process	Arrival time	Brust time	Service time
P0	0	5	0
P1	1	3	5
P2	2	8	8
P3	3	6	6





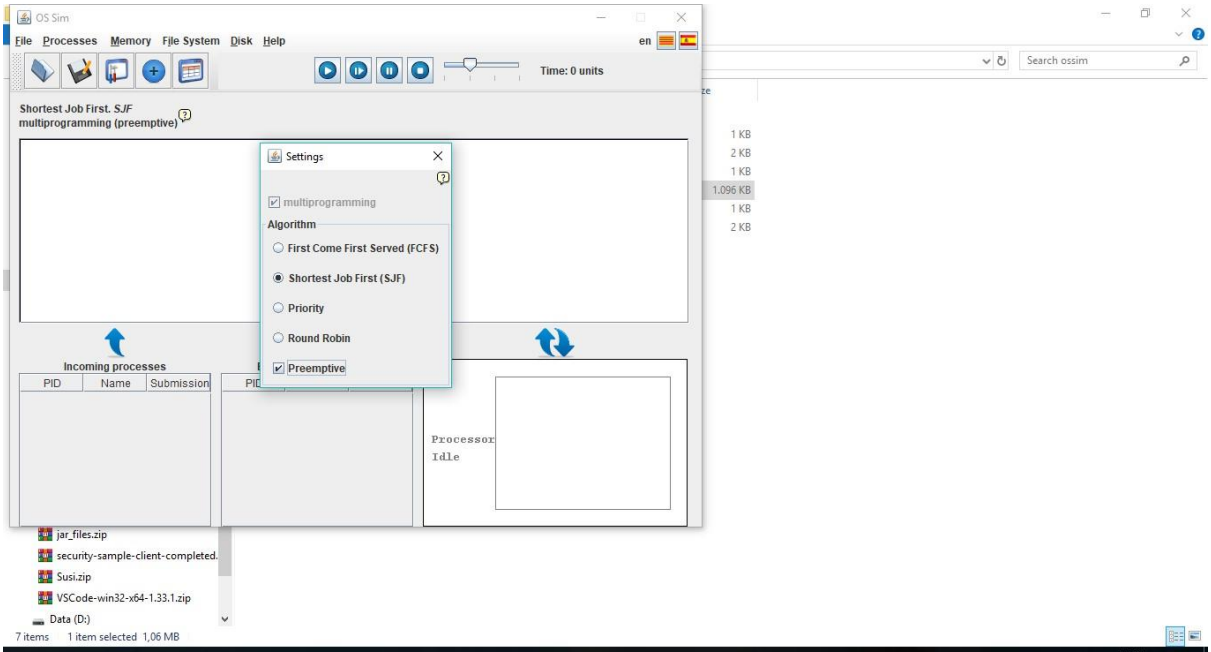


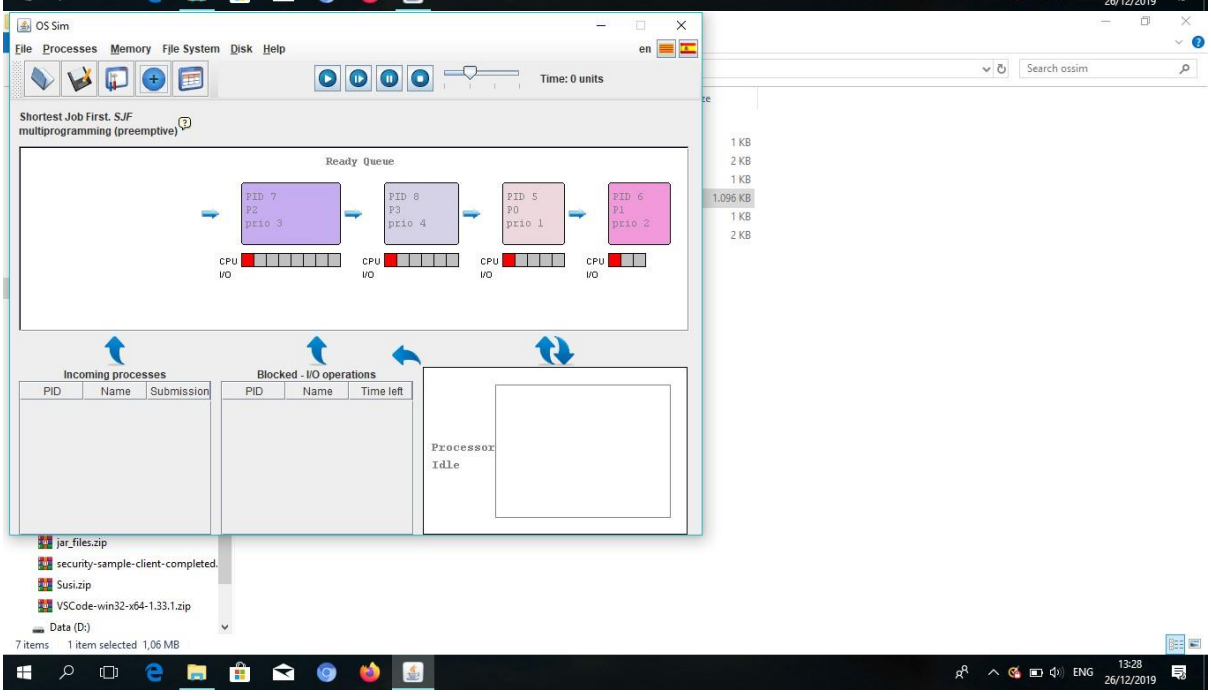
Process	Wait time : Service Time – Arrival Time
P0	0
P1	5
P2	8
P3	16
Av wait time	7.25

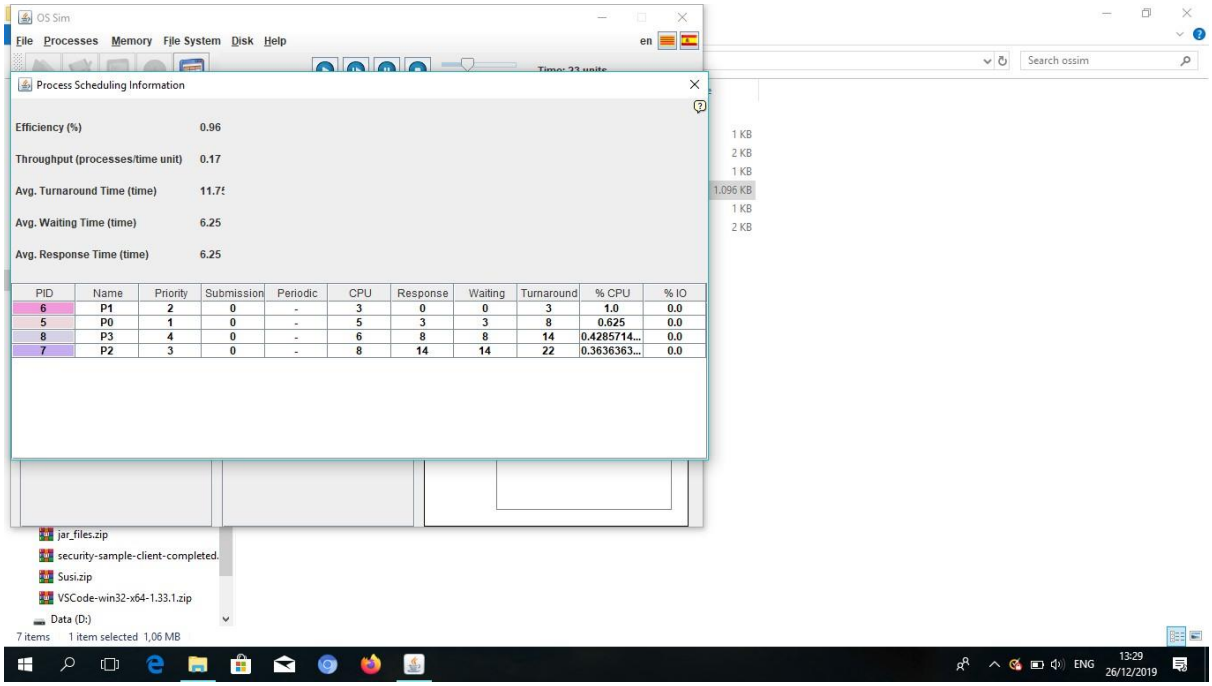
2. SJFS

Process	Arrival time	Brust time	Service time
P0	0	5	0
P1	1	3	5
P2	2	8	8
P3	3	6	6

a. Preemtive

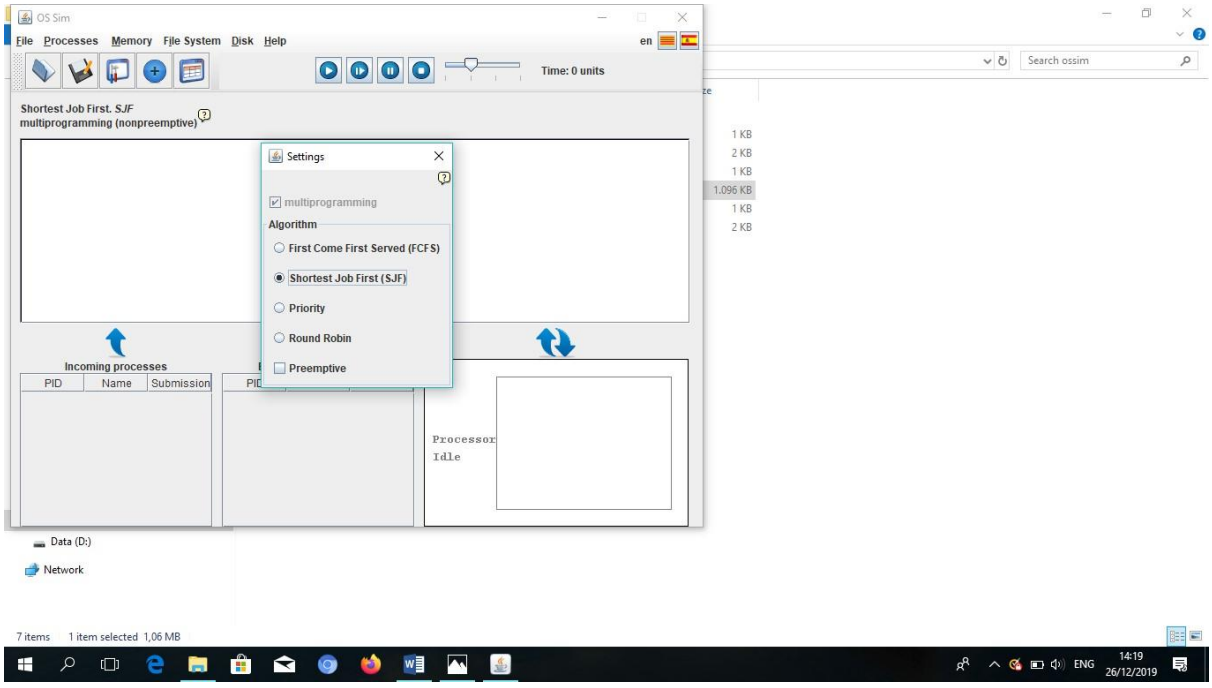


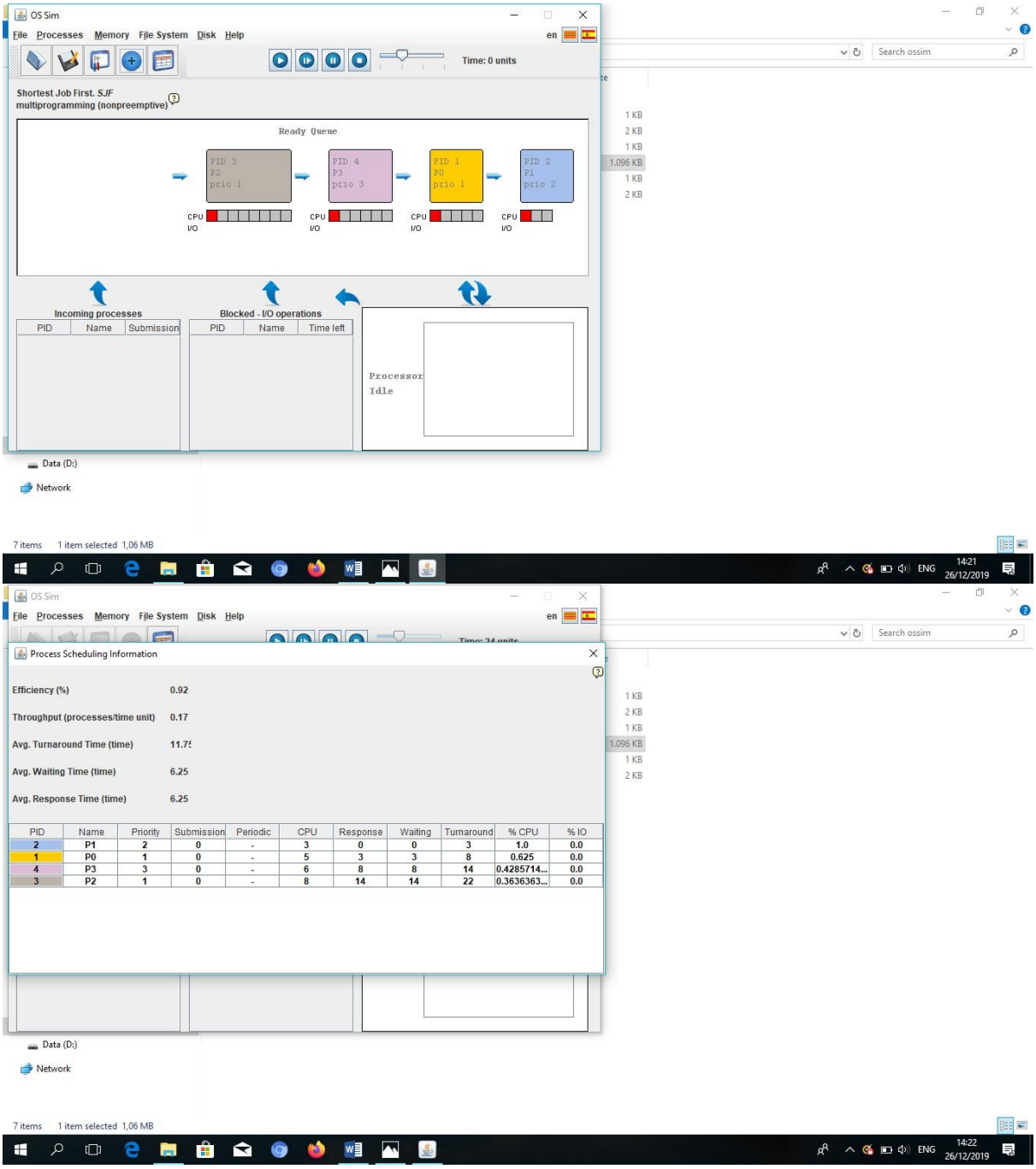




Process	Wait time : Service Time – Arrival Time
P0	3
P1	0
P2	14
P3	8
Av wait time	6.25

b. Non preemtive

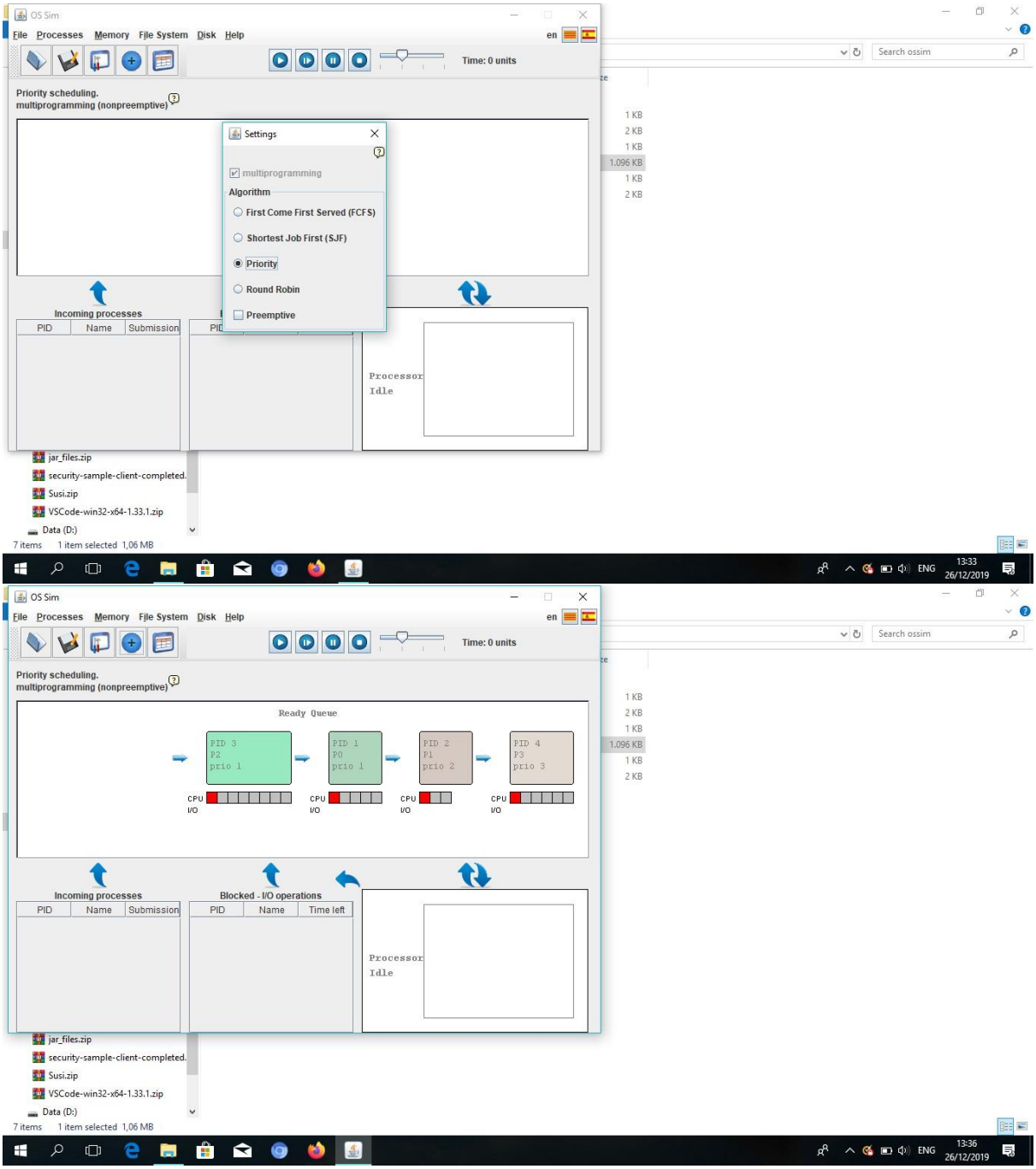


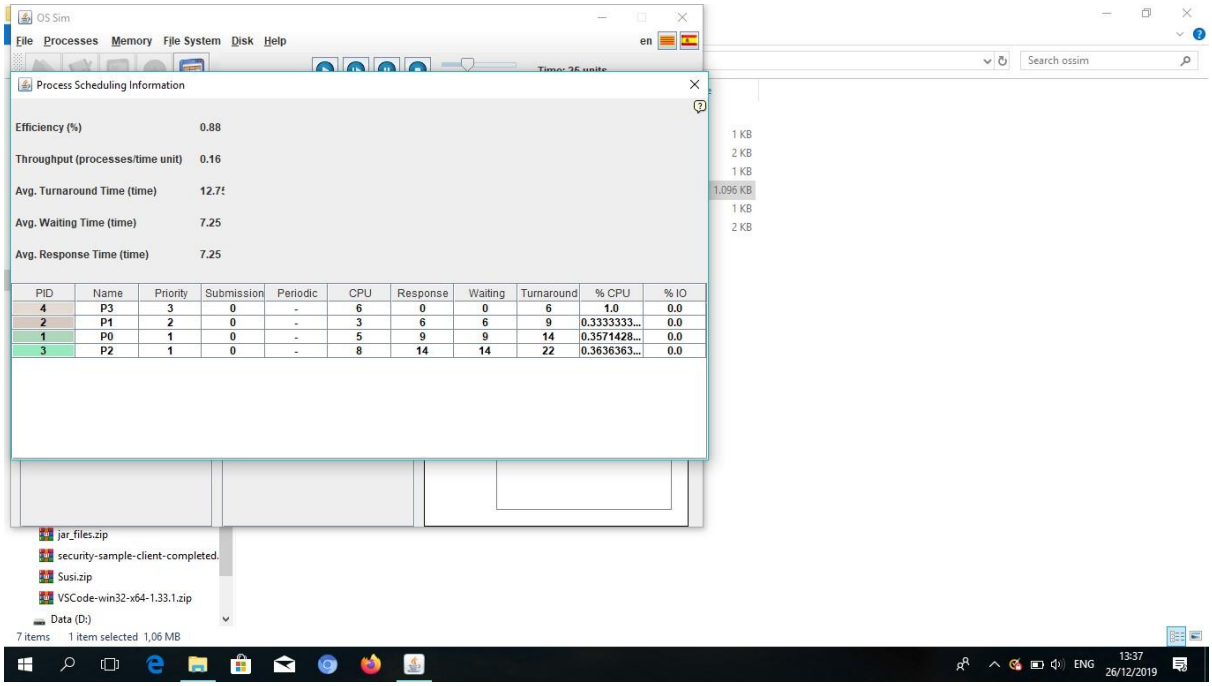


Process	Wait time : Service Time – Arrival Time
P0	3
P1	0
P2	14
P3	8
Av wait time	6.25

3. Priority Scheduling

Process	Arrival time	Brust time	Priority	Service time
P0	0	5	1	0
P1	1	3	2	11
P2	2	8	1	14
P3	3	6	3	5



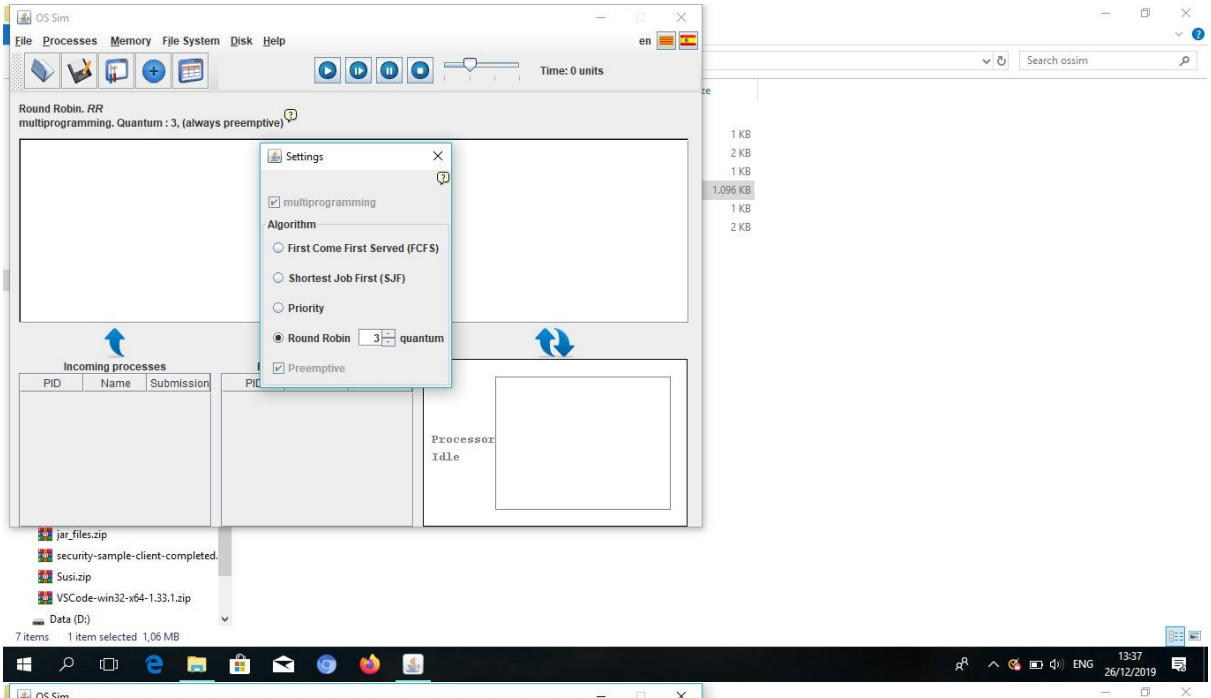


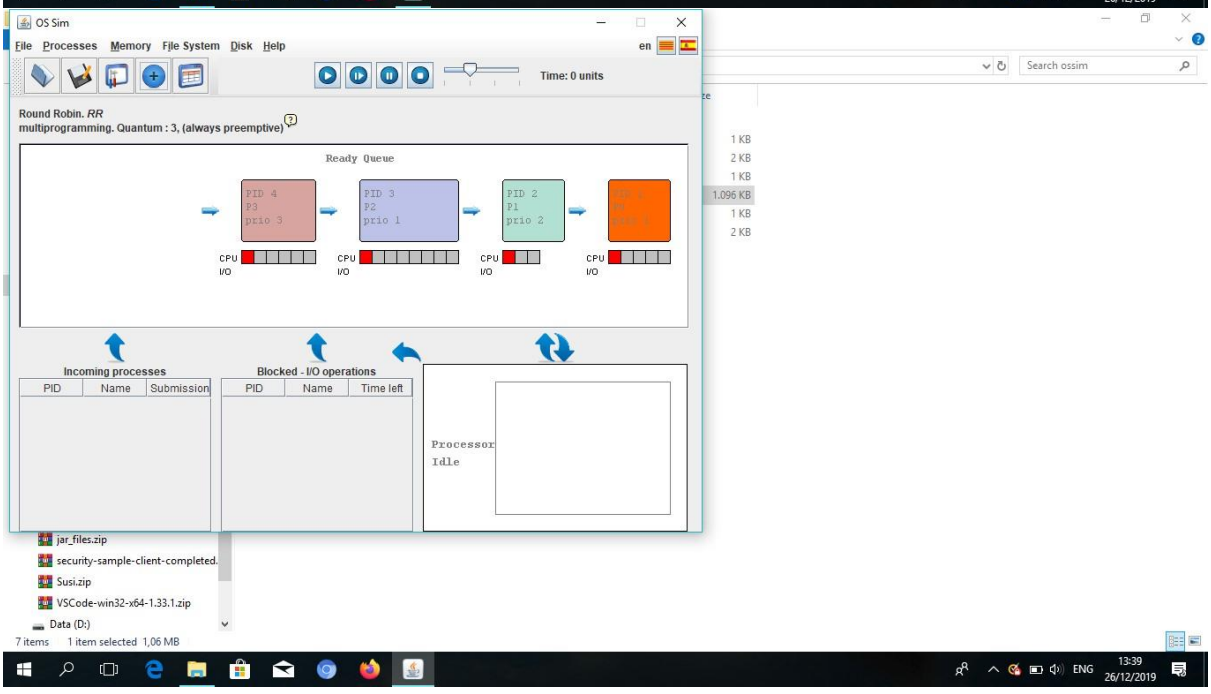
Process	Wait time : Service Time – Arrival Time
P0	9
P1	6
P2	14
P3	0
Av wait time	7.25

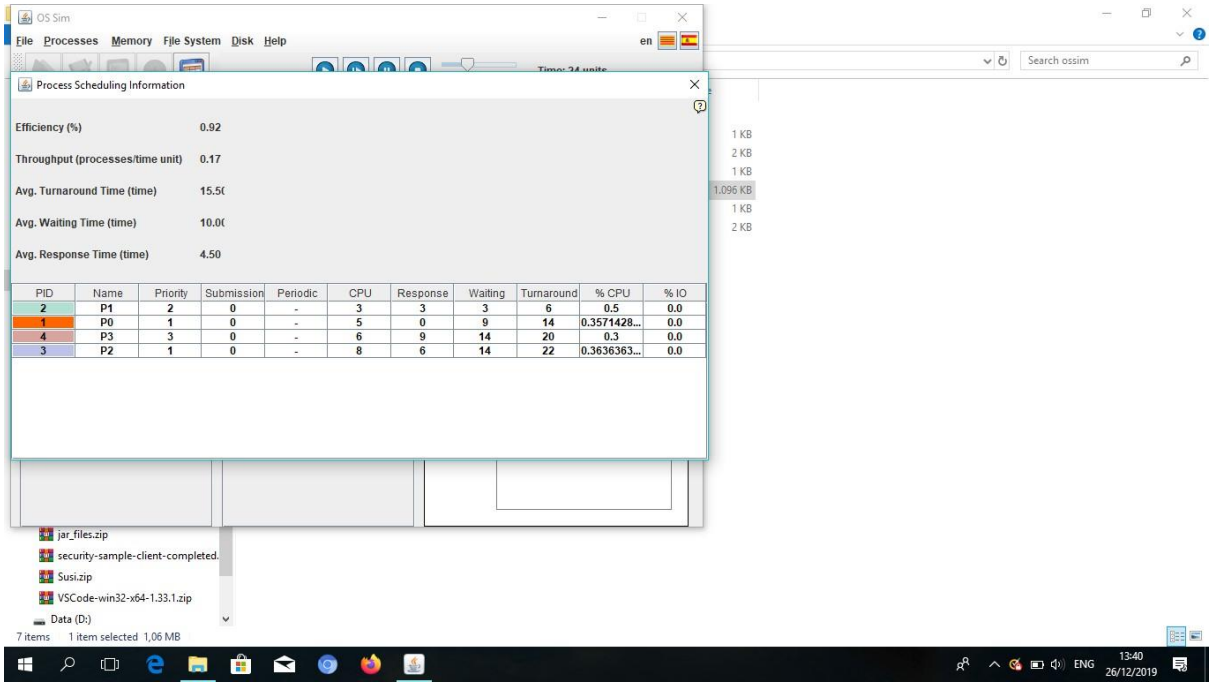
4. Rown Robbin (Quantum = 3)

Process	Arrival time	Brust time	Priority	Service time
P0	0	5	1	0
P1	1	3	2	11
P2	2	8	1	14

P3	3	6	3	5


OS Sim
File Processes Memory File System Disk Help
Time: 0 units
Round Robin. RR
multiprogramming. Quantum : 3, (always preemptive)
Settings
multiprogramming
Algorithm
First Come First Served (FCFS)
Shortest Job First (SJF)
Priority
Round Robin 3 quantum
Preemptive
Incoming processes
PID Name Submission
Processor
Idle
jar_files.zip
security-sample-client-completed.
Susi.zip
VSCode-win32-x64-1.33.1.zip
Data (D:)
7 items 1 item selected 1,06 MB
ENG 13:37 26/12/2019


OS Sim
File Processes Memory File System Disk Help
Time: 0 units
Round Robin. RR
multiprogramming. Quantum : 3, (always preemptive)
Ready Queue
PID 4
P3
prio 3
PID 3
P2
prio 1
PID 2
P1
prio 2
CPU
I/O
Incoming processes
Blocked - I/O operations
PID Name Submission
PID Name Time left
Processor
Idle
jar_files.zip
security-sample-client-completed.
Susi.zip
VSCode-win32-x64-1.33.1.zip
Data (D:)
7 items 1 item selected 1,06 MB
ENG 13:39 26/12/2019



Process	Wait time : Service Time – Arrival Time
P0	9
P1	3
P2	14
P3	14
Av wait time	10.0