CPU Scheduling Algorithms

User Manual

Name : Basma Mohamed Mostafa

Code : 13p6036

Level : SENIOR 1

**How to use the program ?**

1-Enter the type of the schedular in Schedular type

Make sure to type it exactly { fcfs,priority,round-robin,SJF}

2-Choose the number of the processses in processes numer

3- Enter the processes info **comma-separeted** for each process and **line separeted** for processes with following order and

Process number,arrival time , burst time

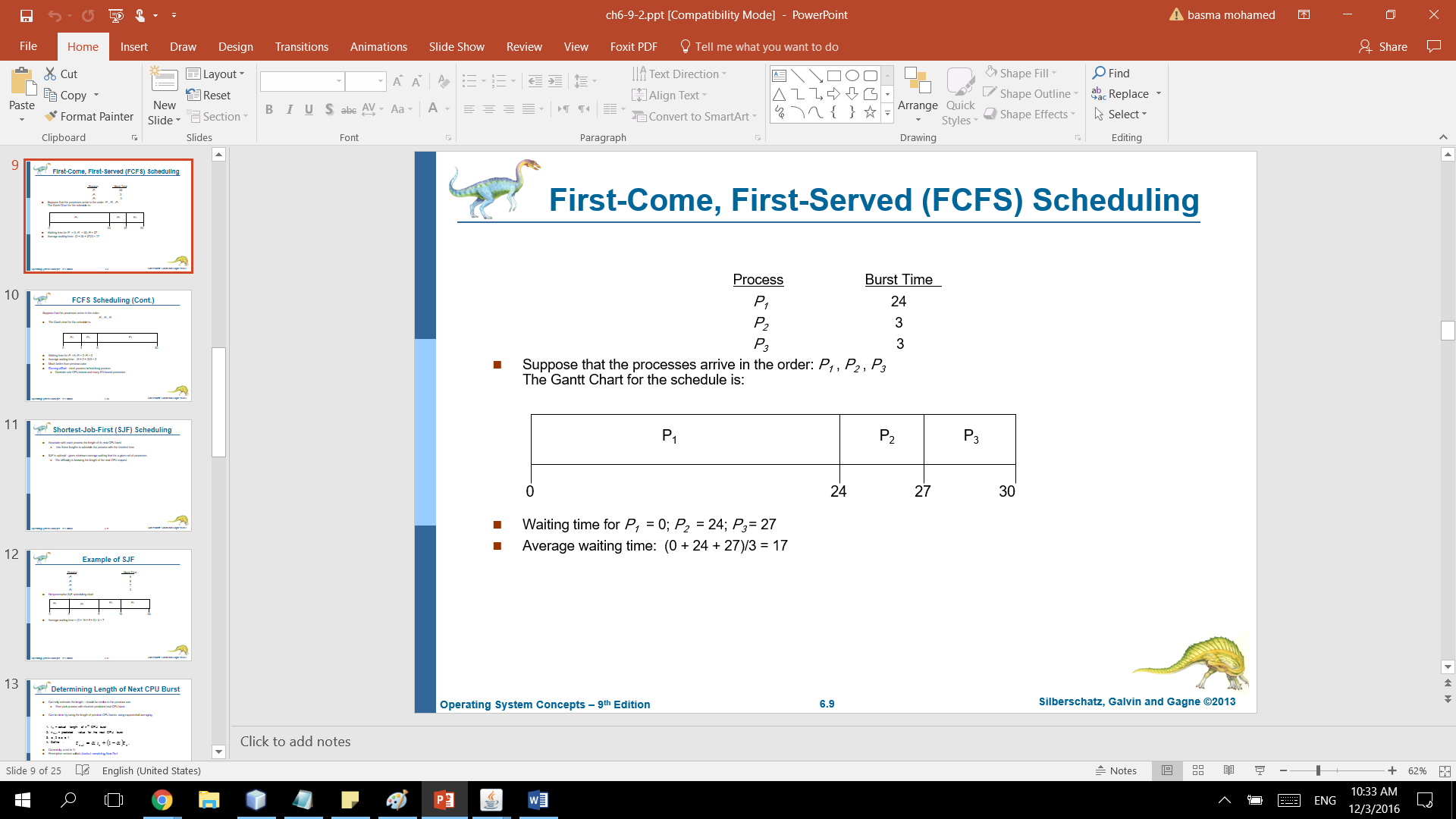
4 – If there is gaps check that there is gaps in have gaps radio button

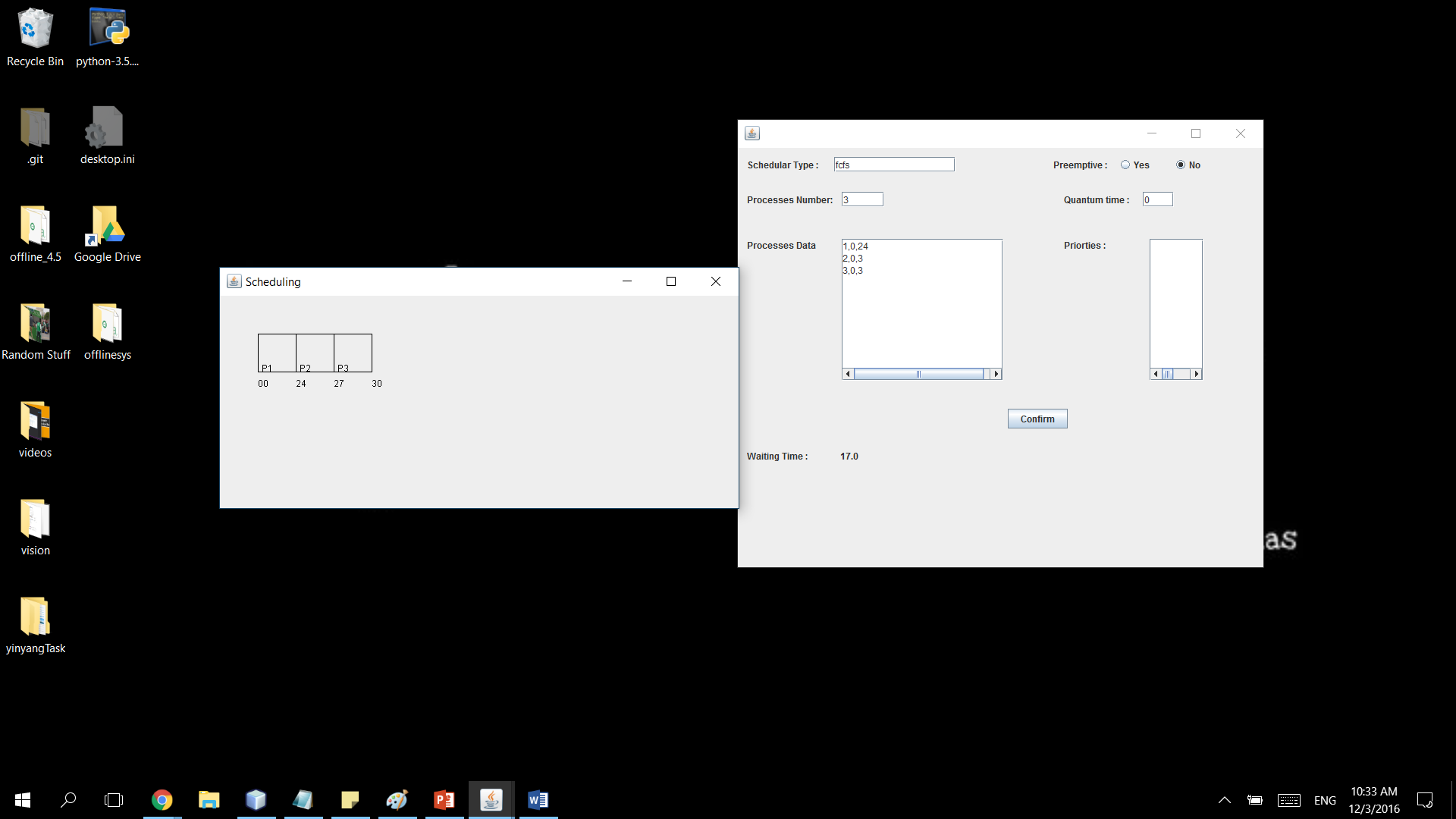
5 – if the schedular is round robin choose the quantum time in quantum time

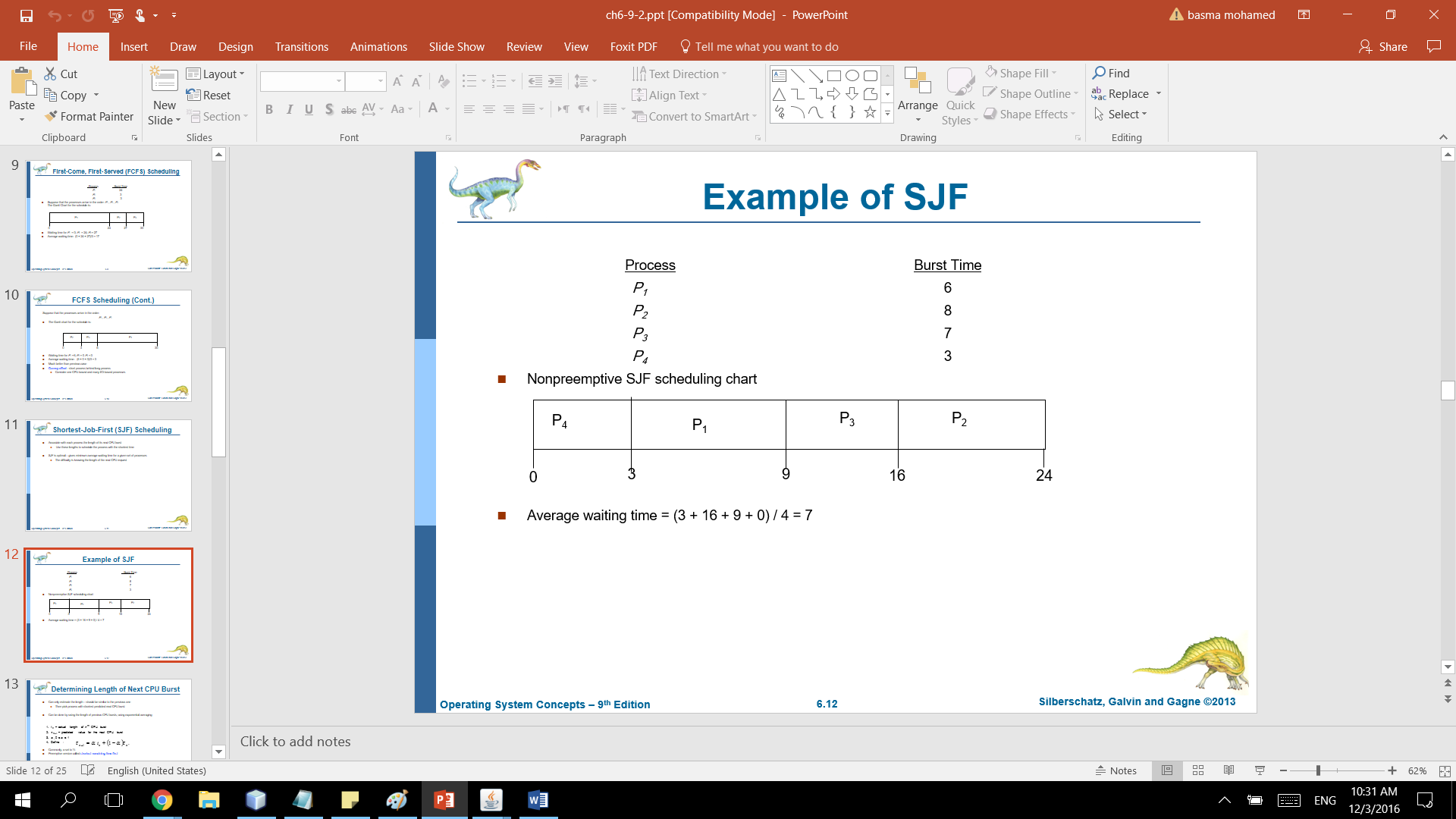
6- if the schedular is priority enter the processes priorities **line-separeted**

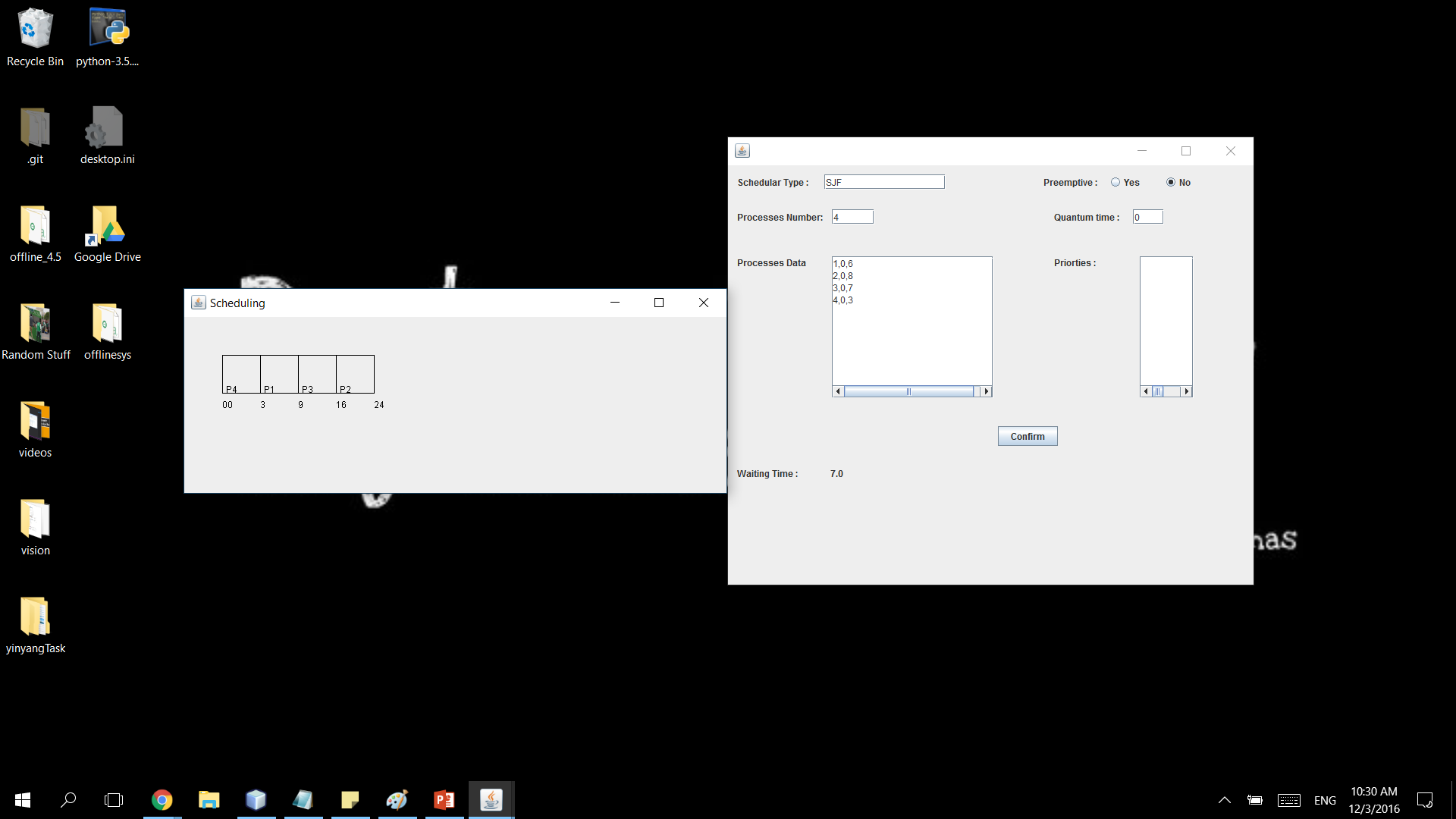
The Gannt chart would be drawn in a separeteframe **make sure to expand it**

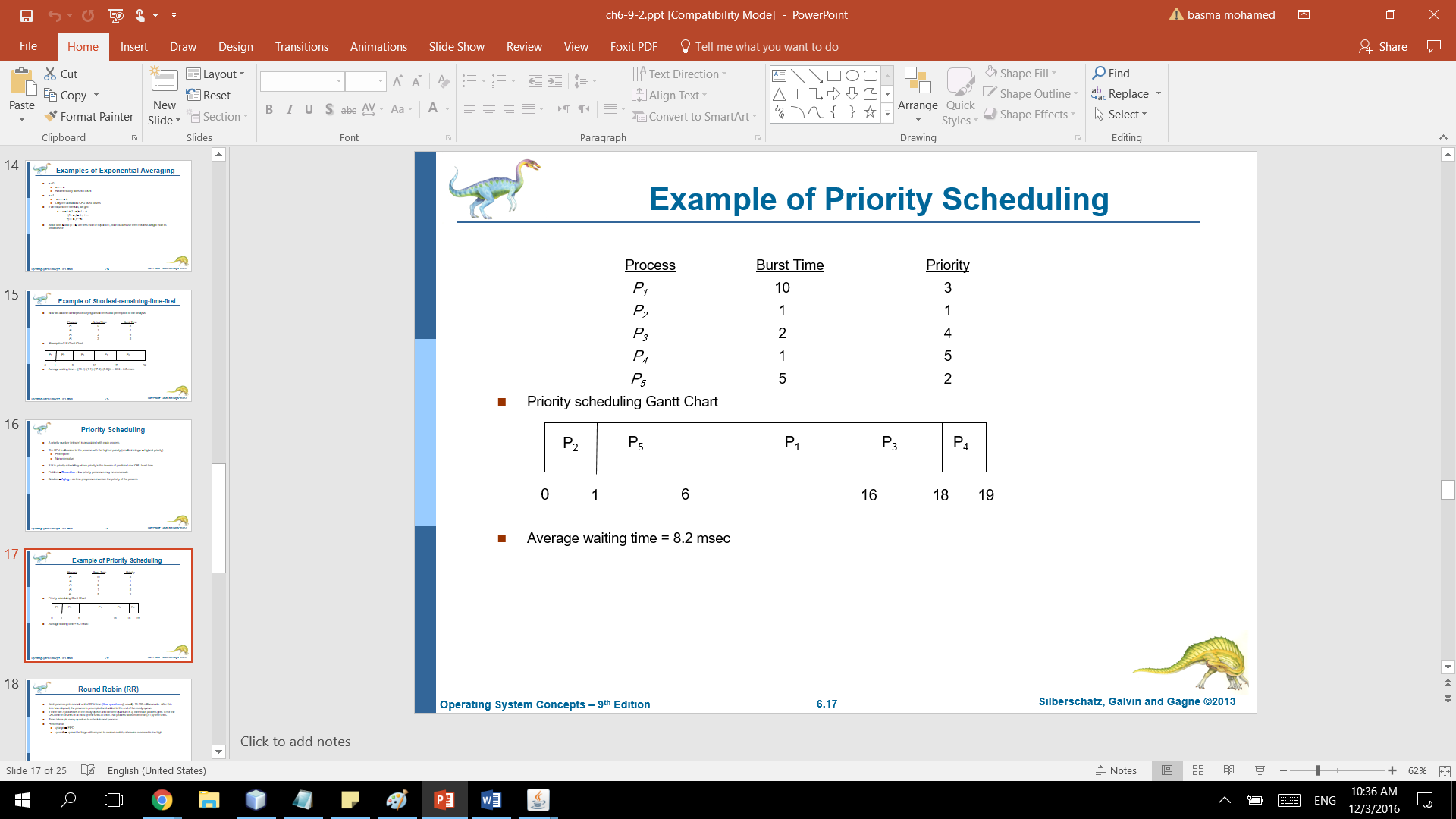
And the waiting time would appear behind the Waiting time label

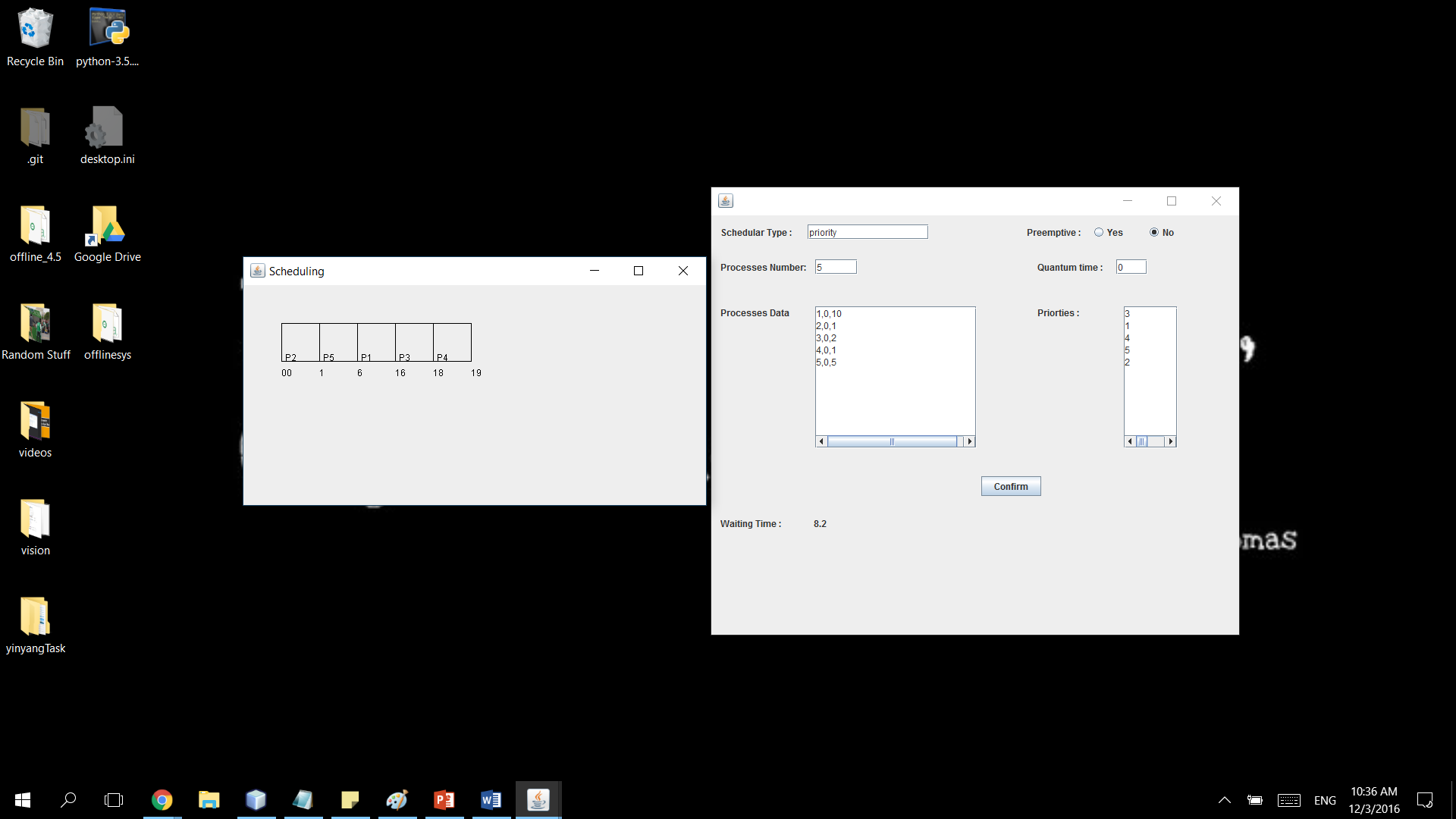


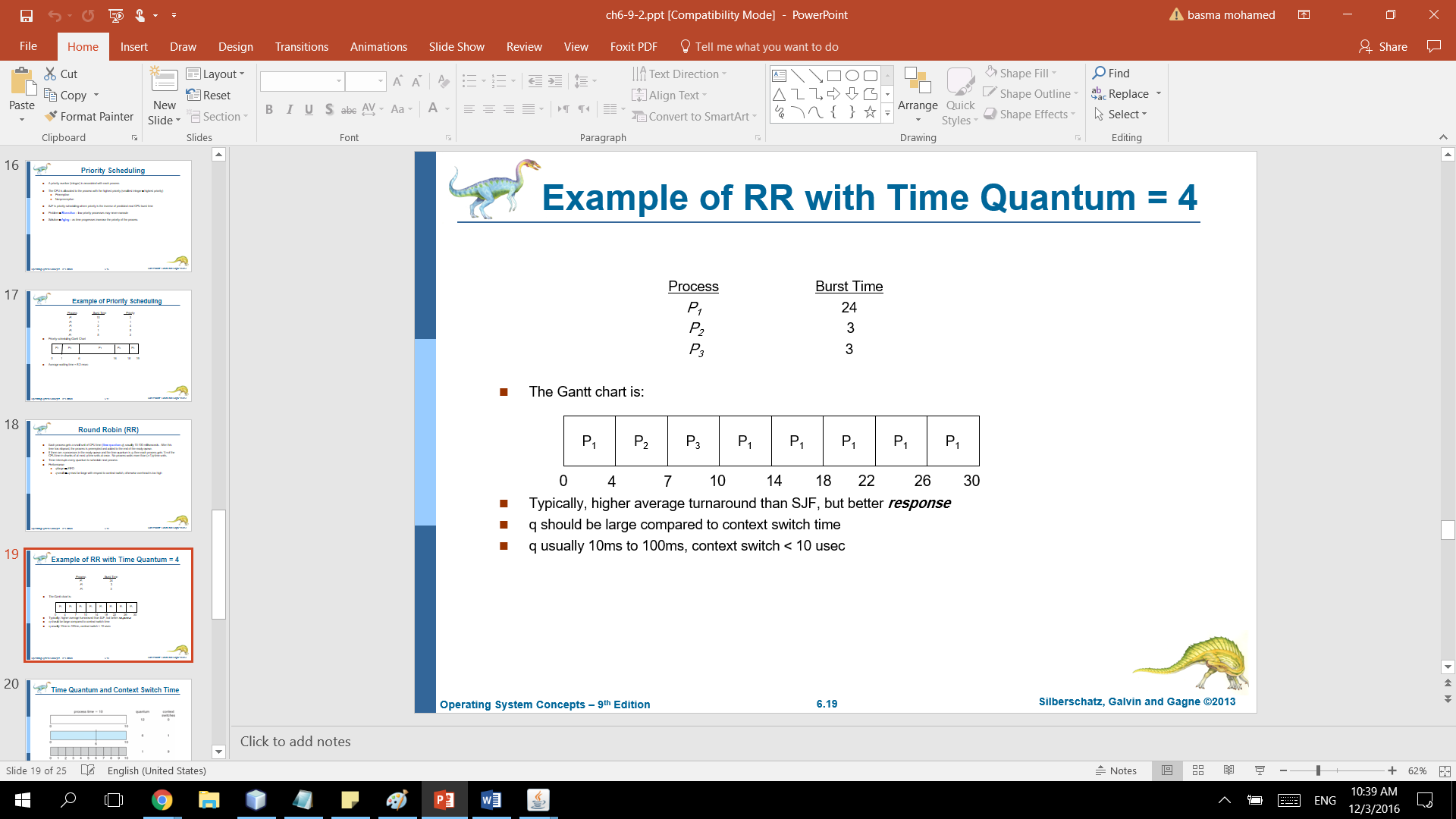


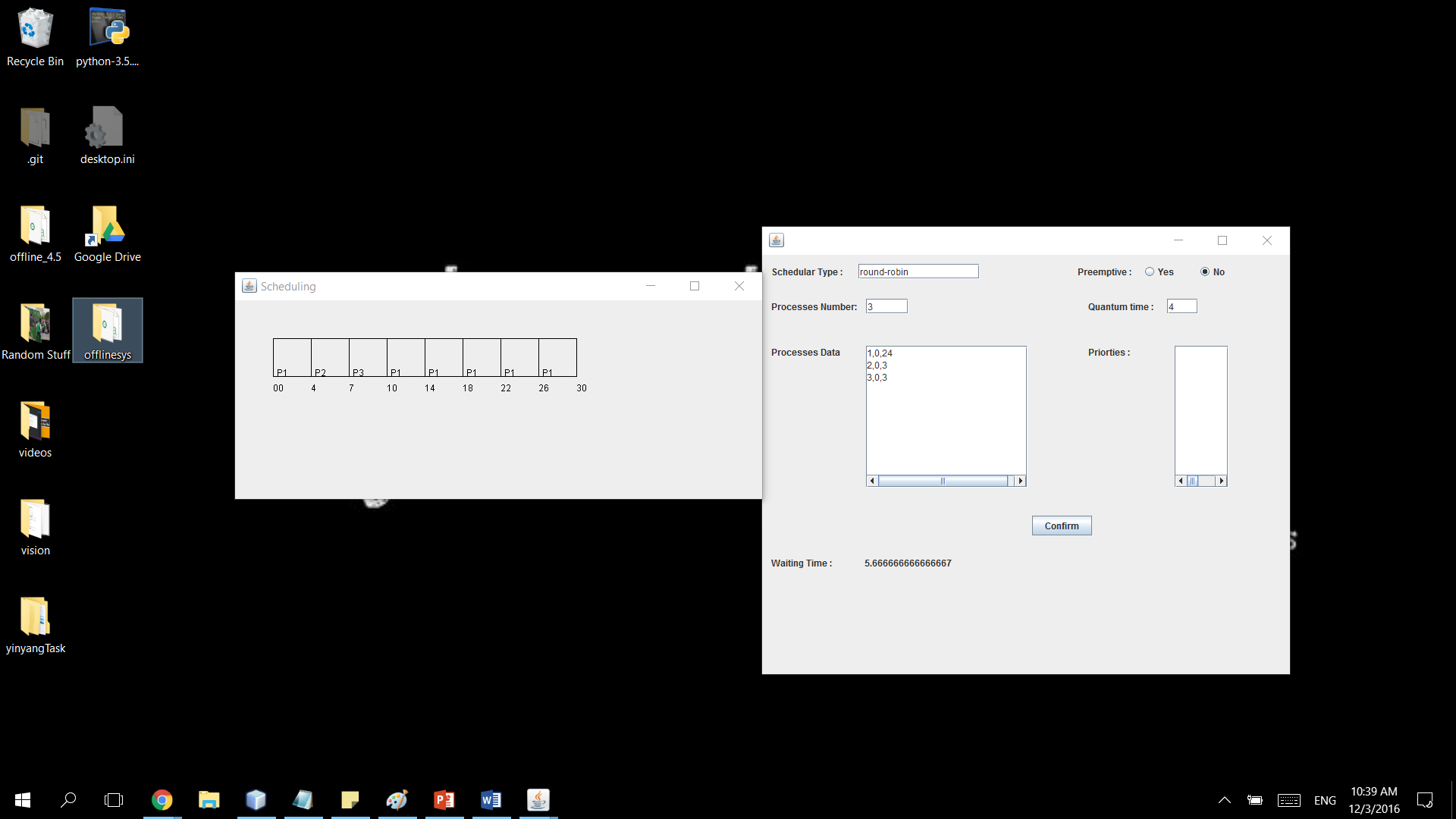












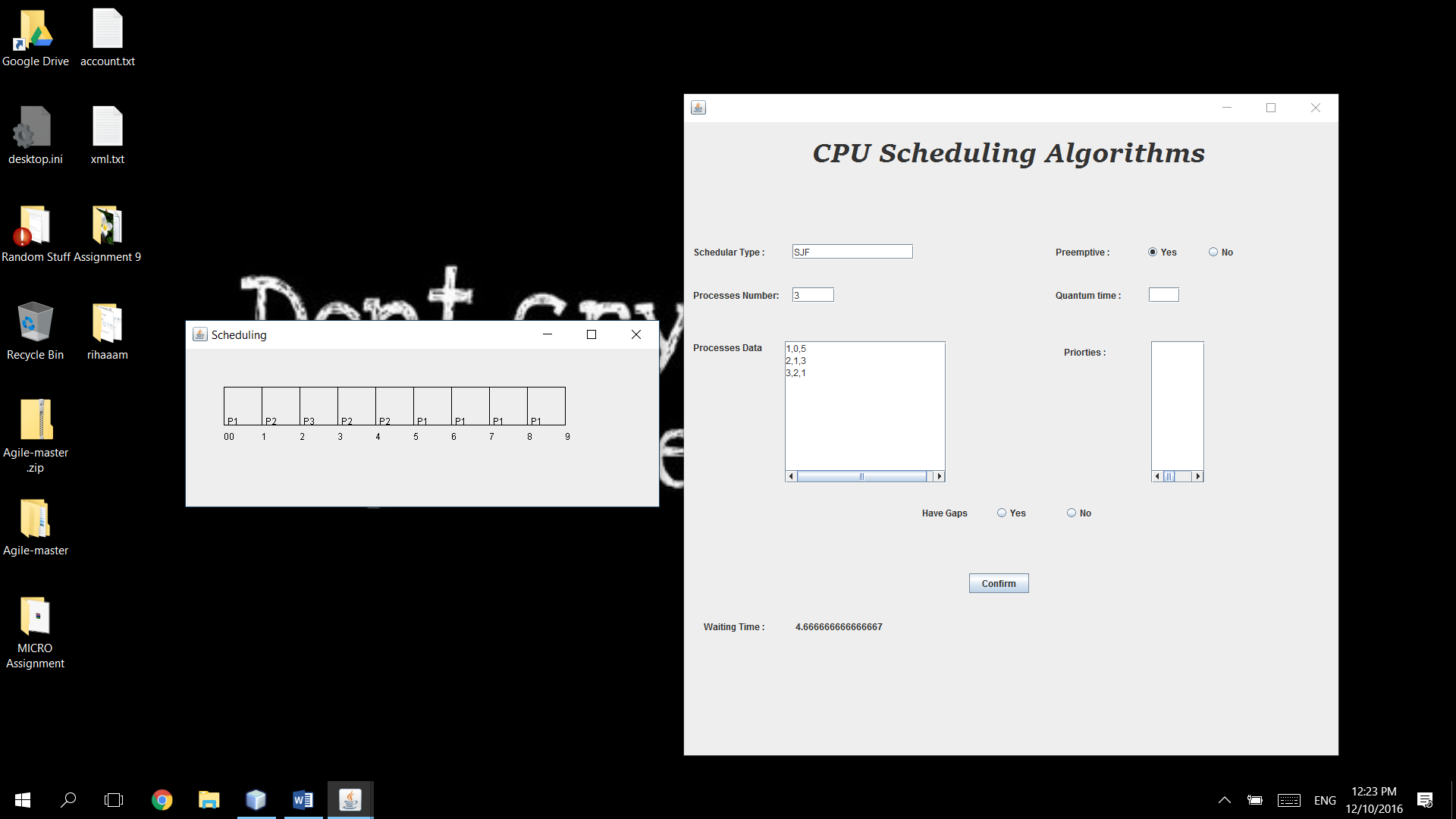
SJF Preemptive

Process Arrival Time Burst Time

1 0 5

2 1 3

3 2 1



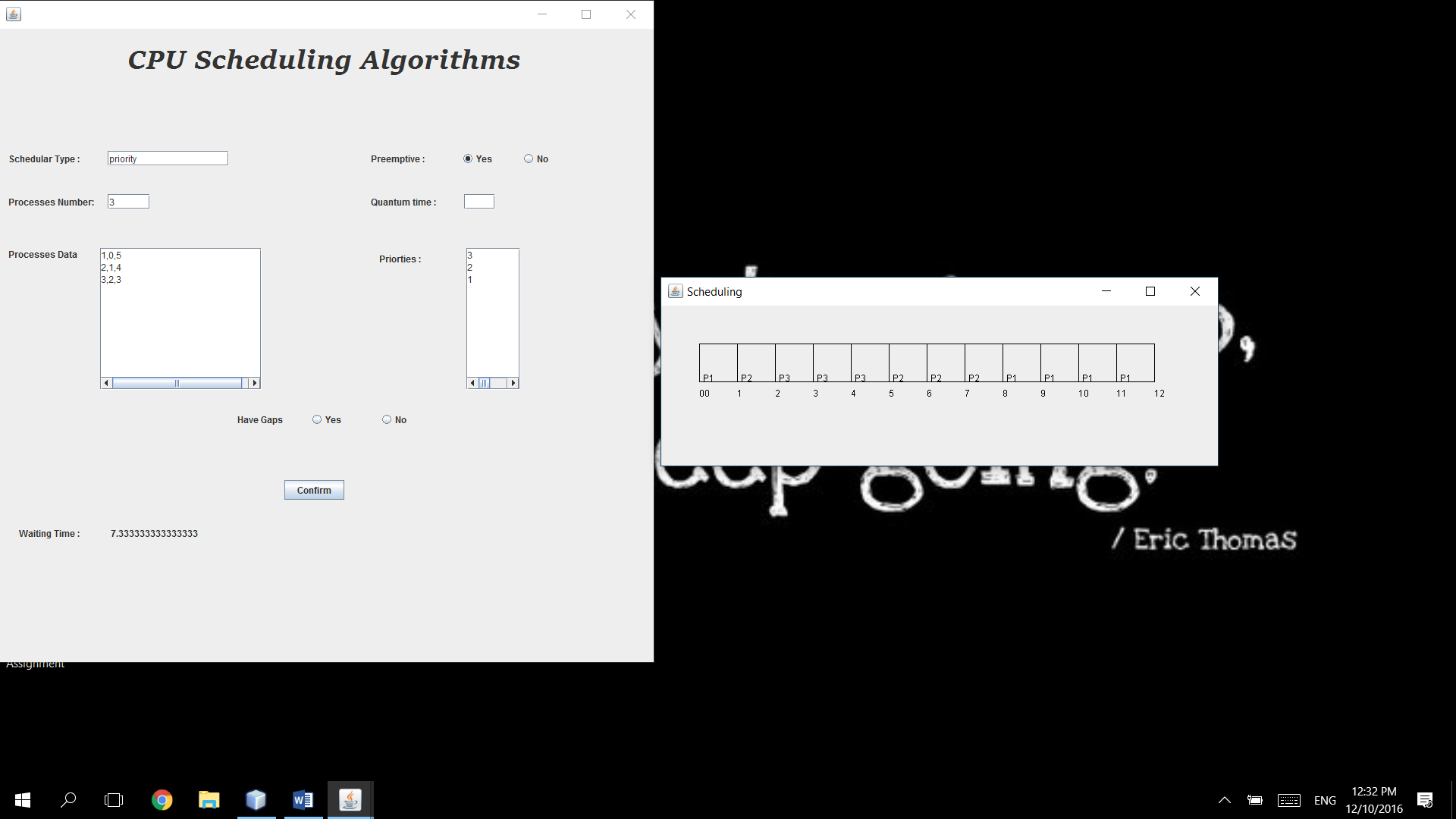
Priority Preemptive

Process Arrival Time Burst Time Priority

1 0 7 3

2 5 4 1

3 2 2 2



**Gaps Handling**

Process Arrival Time Burst Time

1 0 2

2 3 1

3 5 2

