

Ain Shams University Faculty of Engineering Computer and Systems Department

Operating Systems

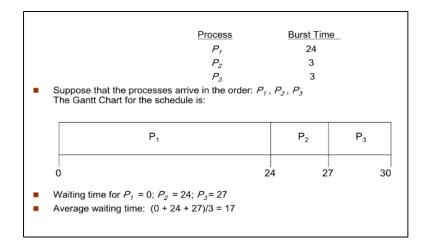
The Scheduler Assignment Manual

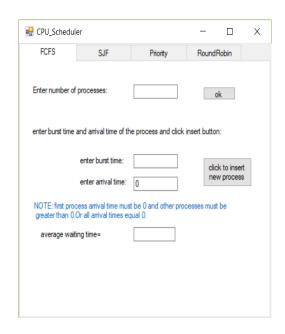
مؤمن أحمد مصطفي علي	جاسر سامى عبد الهادى	الاسم
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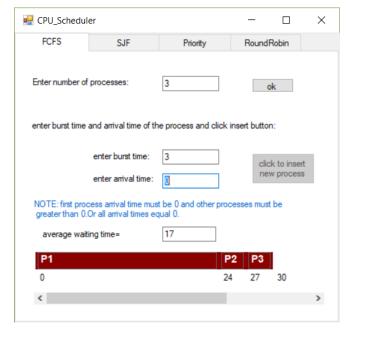
FCFS Scheduling (First come First served)

Steps to use

- Choose FCFS Tap
- Enter number of process
- Enter burst time and arrival time of each process and click insert after each one.
- The default value of arrival time is zero
- Note: If you change number of process and quantum time, then click OK, you can restart again the process.







SJF Scheduling (Shortest Job First) Preemptive and non-preemptive

Steps to use

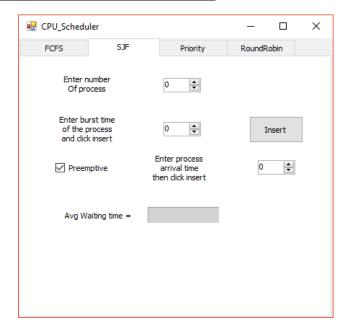
Incase non-preemptive

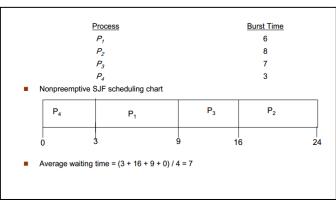
- Choose SJF Tap
- Enter number of process
- Enter burst time of each process and click insert after each one.

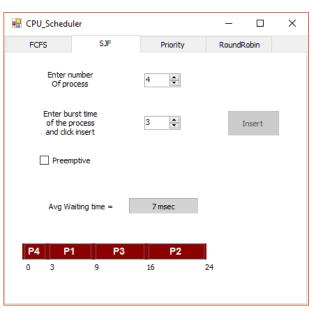
Incase Preemptive

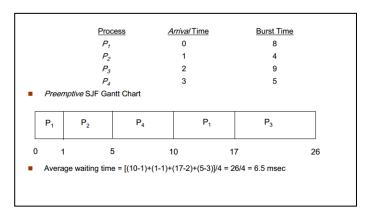
The same steps as non-preemptive but check the Preemptive check box then enter arrival time of each process then click insert after each one.

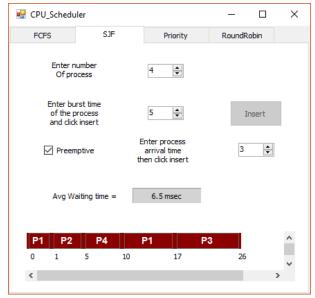
Note: If you change number of process you can restart again the process.











Priority Scheduling - Preemptive and non-preemptive

Steps to use

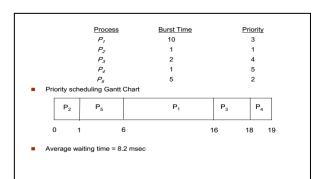
Incase non-preemptive

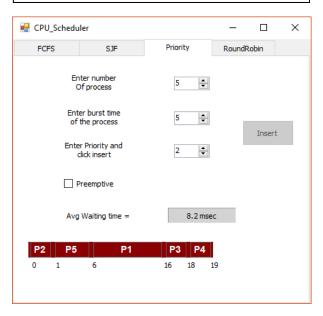
- Choose SJF Tap
- Enter number of process
- Enter burst time of each process
- Enter Priority of each process and click insert after each one.

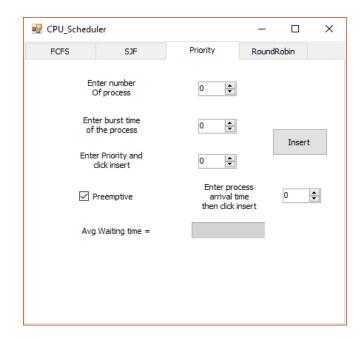
Incase Preemptive

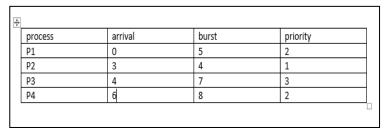
The same steps as non-preemptive but check the Preemptive check box then enter arrival time of each process then click insert after each one.

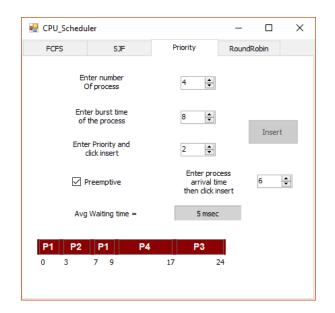
Note: If you change number of process you can restart again the process.











RR Scheduling (Round Robin)

Steps to use

- Choose Round Robin Tap
- Enter number of process
- Enter Quantum time
- Enter burst time and arrival time of each process
- The default value of arrival time is zero
- Note: If you change number of process and quantum time, then click OK, you can restart again the process.

