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Manuel for using the scheduler program

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Section: 2

- At first when the program opens,this screen will appear.

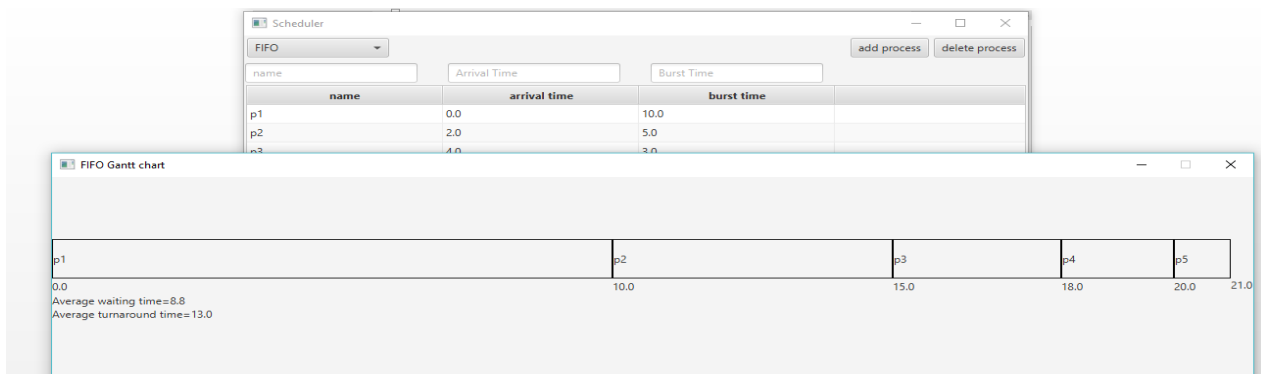(The program is initialized with 5 processes used for the testcases in the screenshots)

name	arrival time	burst time
p1	0.0	10.0
p2	2.0	5.0
p3	4.0	3.0
p4	6.0	2.0
p5	7.0	1.0

- First of all,you need to select an algorithm from the list in the top left corner.if the user clicks the schedule button without selecting an algorithm,the program won't work.

name	arrival time	burst time
p1	0.0	10.0
p2	2.0	5.0
p3	4.0	3.0
p4	6.0	2.0
p5	7.0	1.0

Error
You must choose an algorithm
Close this window

- If the user chooses a certain algorithm then he/She has to click on the schedule button,then the Gantt chart will pop up in an new window.

FIFO Gantt chart

p1   p2   p3   p4   p5

0.0   10.0   15.0   18.0   20.0   21.0

Average waiting time=8.8
Average turnaround time=13.0

- In case the user chooses shortest job first or priority, then he should choose preempitive or non preempitive. Nonpreempitive is choosen by default.
- If the choosen algorithm is priority,then a new column will appear in the table.
- If the choosen algorithm is round robin,a new text field will appear for the quantum.

- If the user didn't enter a quantum while choosing round robin,a new alert box will appear telling him to specift the quantum.
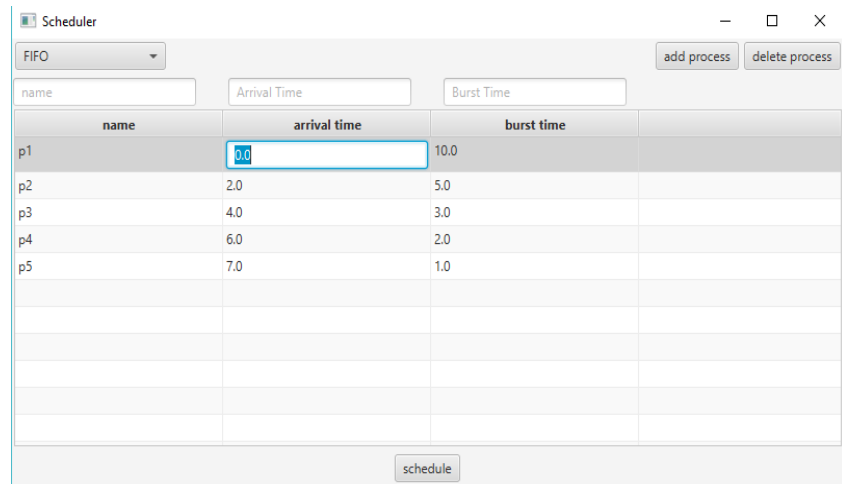
- To enter an new process,you should enter a name for the process,it's arrival time and it's burst time in the text fields and also priority in case of priority scheduling then click on add process button.

- If the user clicks add process without specifying the text fileds for the new process or if the input data is not valid the program won't work.

- To delete a process use delete button schedule.

- Also you can edit the cells of the table by double clicking on it.