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# READ ME

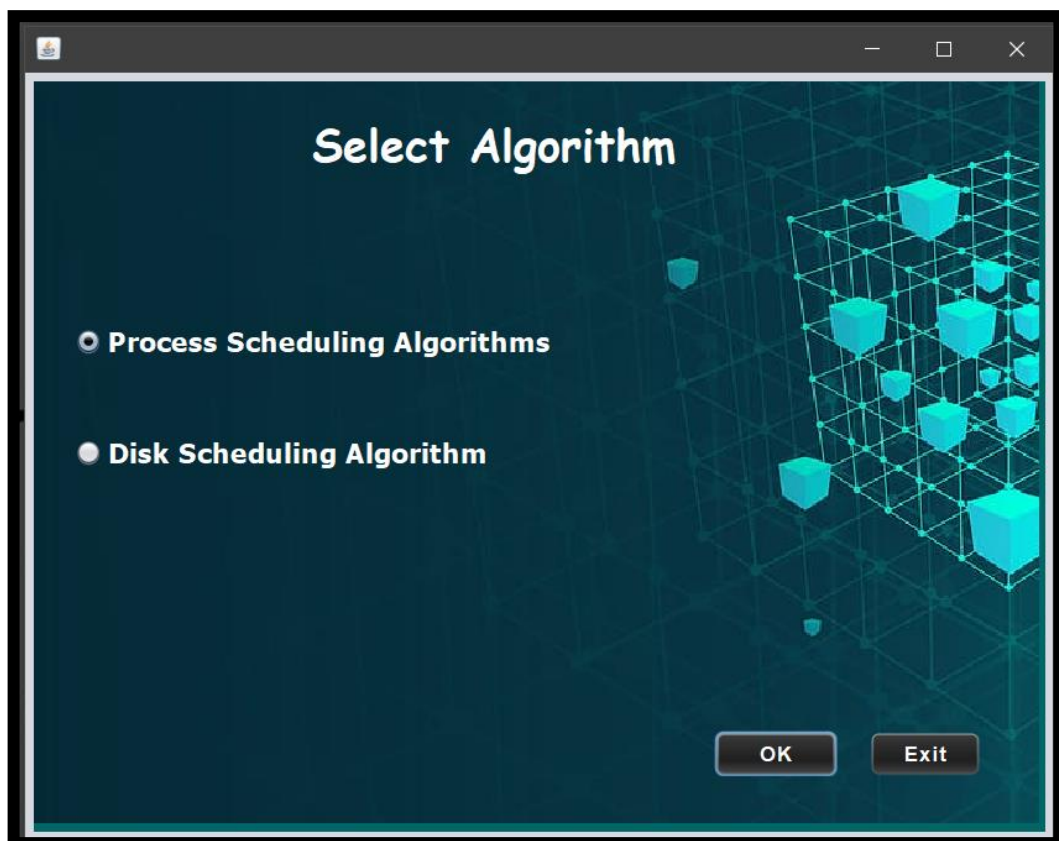
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- **Dependencies:**

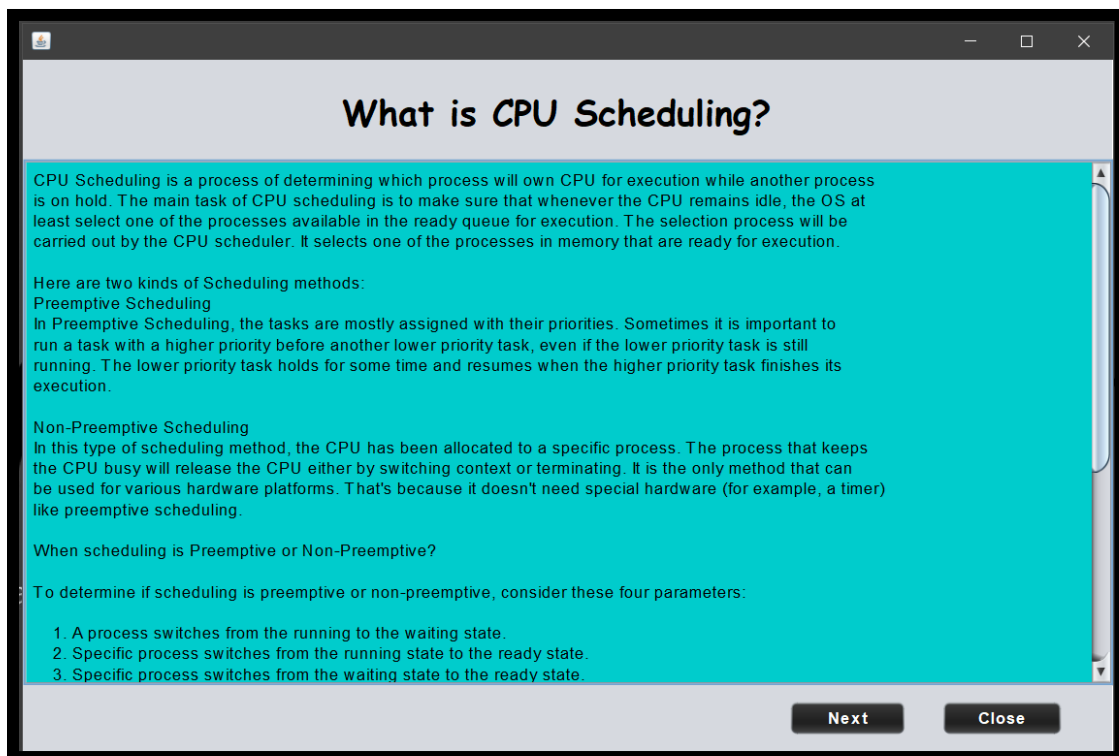
- No dependencies required to run the GUI.

- **How to run the GUI:**

1. Open the executable file
2. The main frame will come where you have to select which algorithm to run

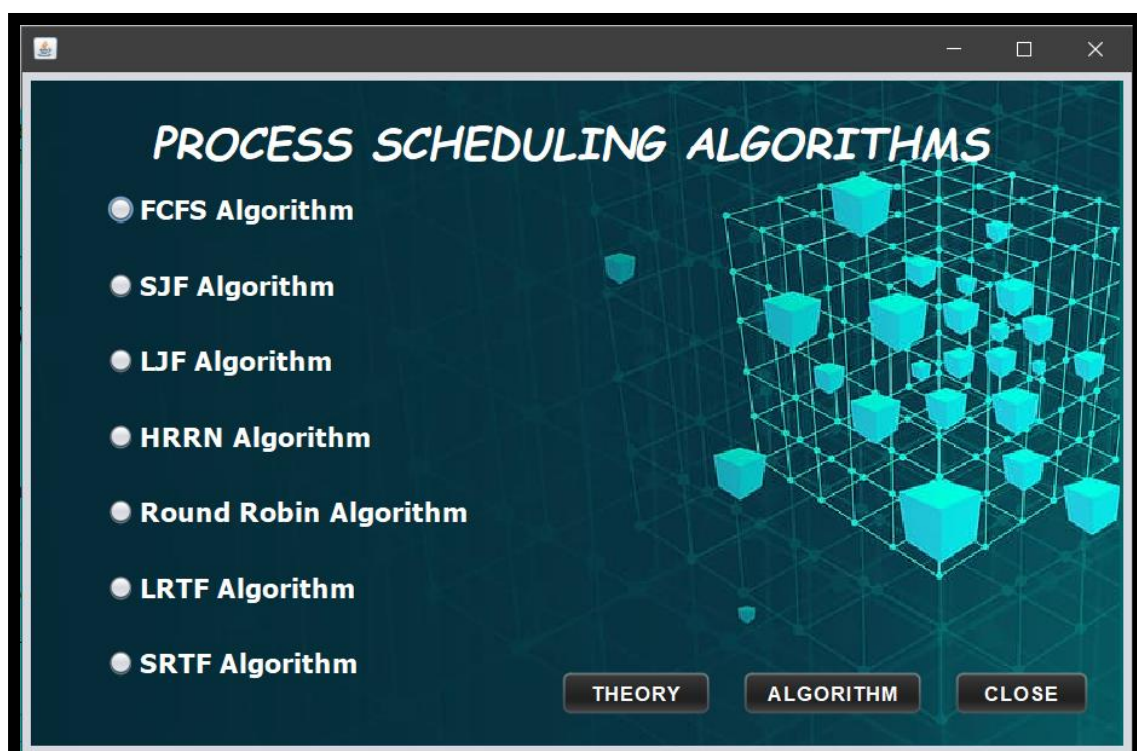


3. Once you can click the OK button you can see the screen as shown in the figure below.

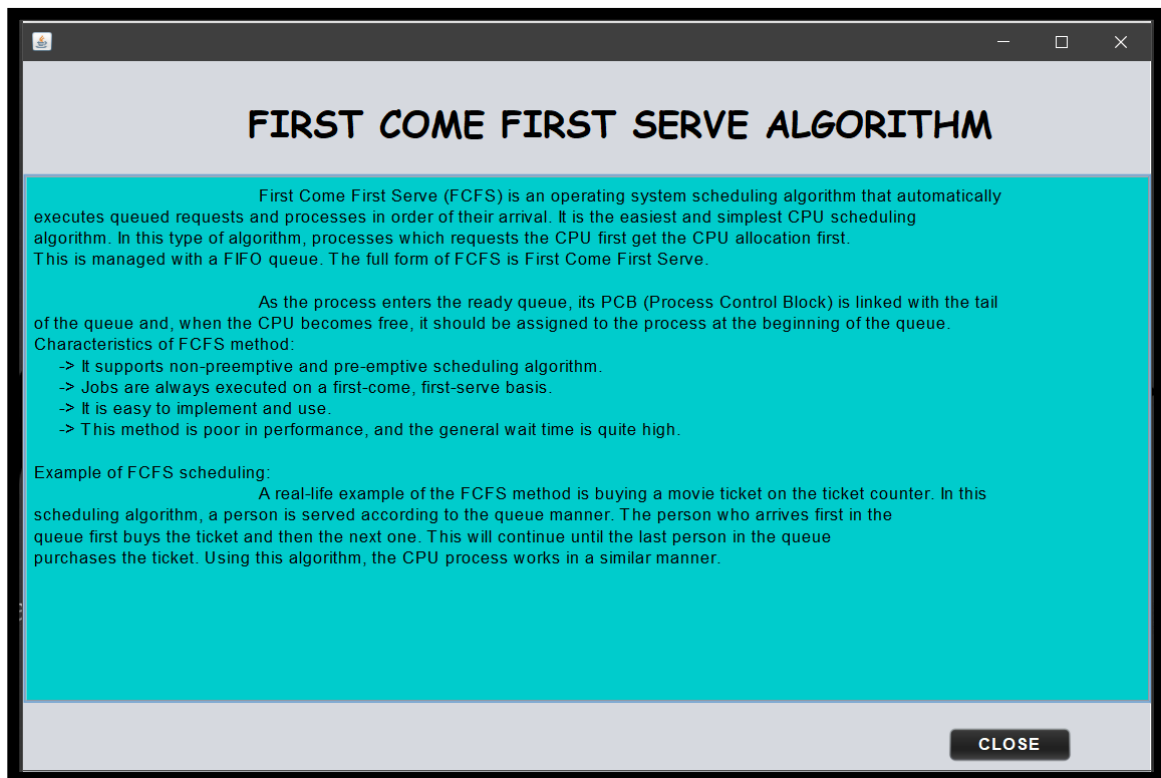


This window describes what CPU Scheduling algorithm is.

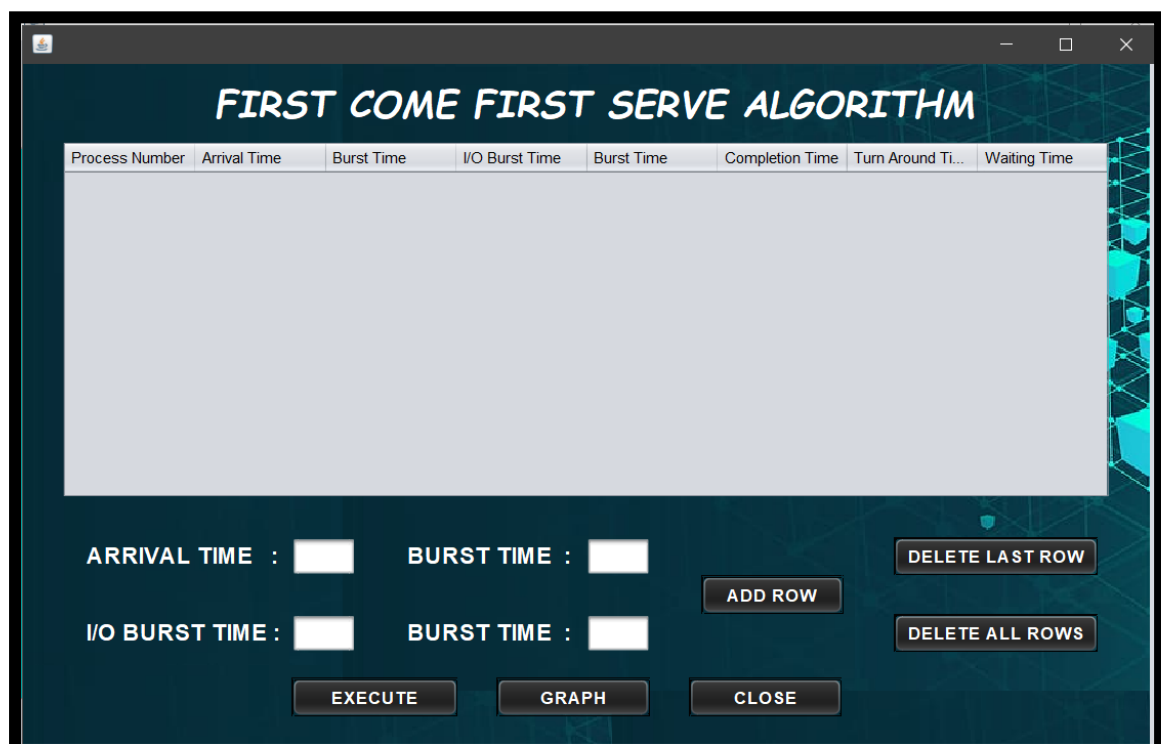
4. Choose the algorithm from the listed process scheduling algorithms.



5. To understand the selected algorithm click on the THEORY button.



6. By clicking the ALGORITHM button you will direct to the implementation frame.



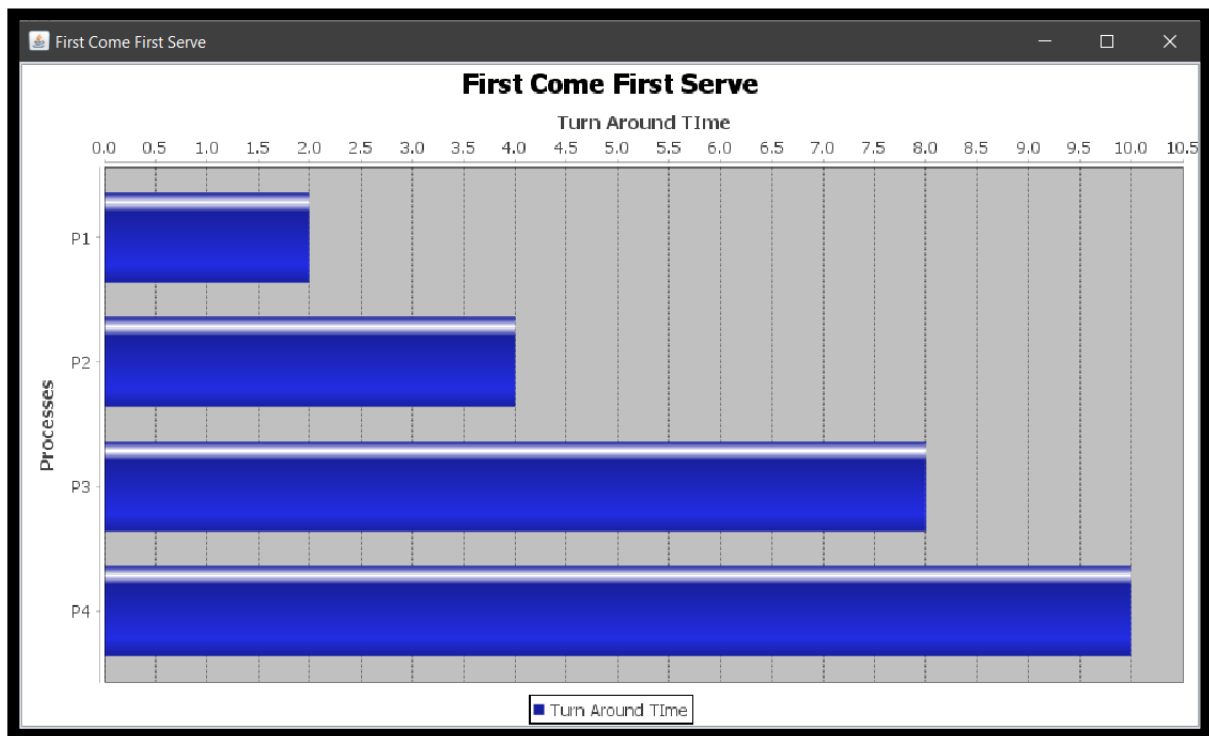
7. After entering the valid input for Arrival time and Burst Time, click on the EXECUTE button and the algorithm will be executed.

Process Number	Arrival Time	Burst Time	I/O Burst Time	Burst Time	Completion Time	Turn Around Ti...	Waiting Time
1	0	2	0	0	2	2	0
2	1	2	1	0	5	4	2
3	3	4	2	1	11	8	3
4	4	1	3	2	14	10	7

ARRIVAL TIME :  BURST TIME :

I/O BURST TIME :  BURST TIME :

8. You can see now the Waiting time, Completion time and Turn around Time and Response time is computed for the data inputs.
9. By clicking on the GRAPH button you can see the horizontal bar graph between T.A.T and W.T. for all the processes.



10. This is how you can implement all the algorithms.