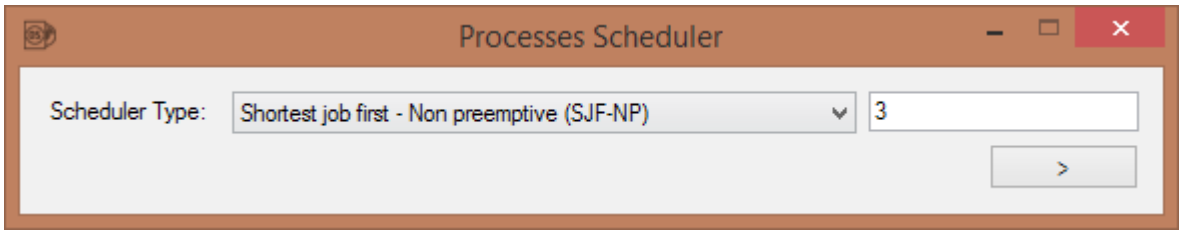
This is the documentation for

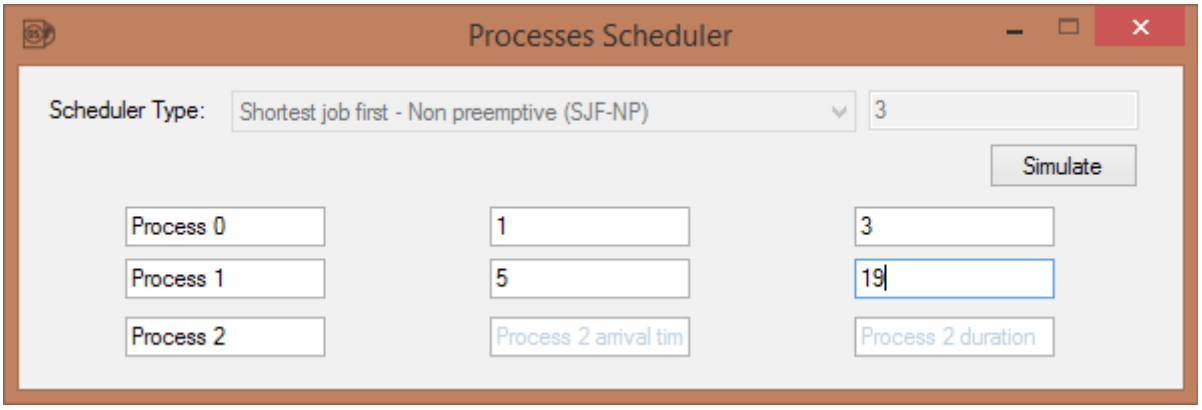
OPERATING SYSTEMS SCHEDULER

How to use it:

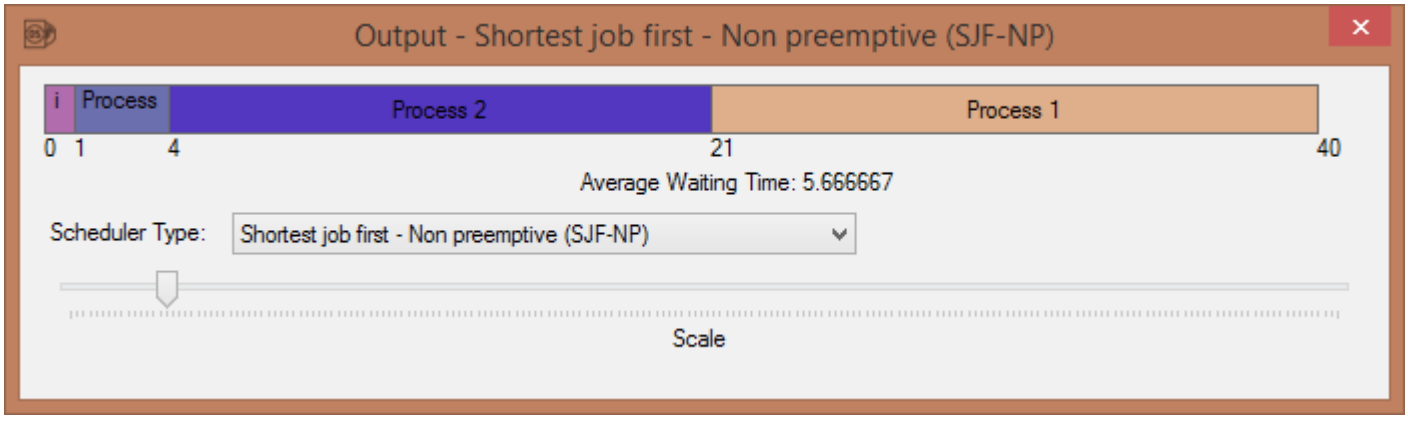
- Open Scheduler-gui-app.exe .



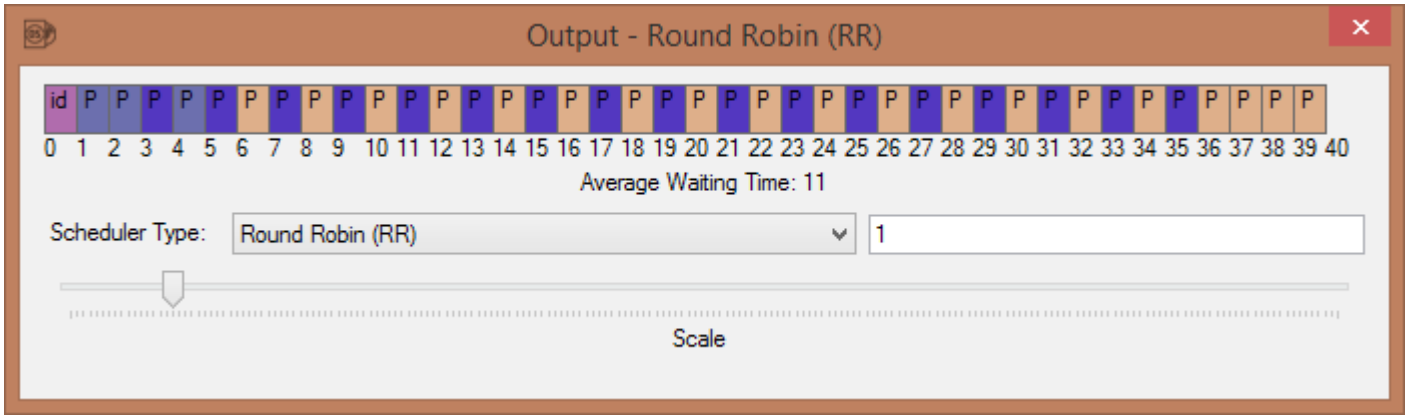
- Choose the scheduler type and define processes count.
- Click on > .



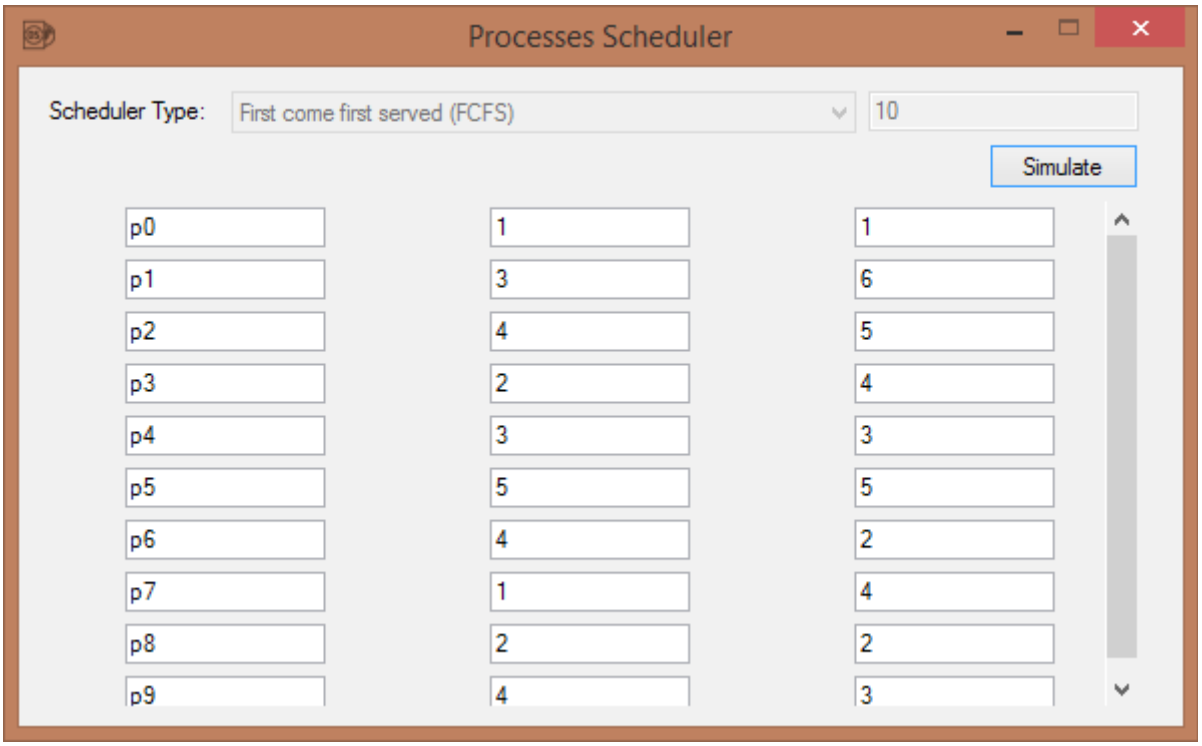
- Complete the required data.
- Click on Simulate .

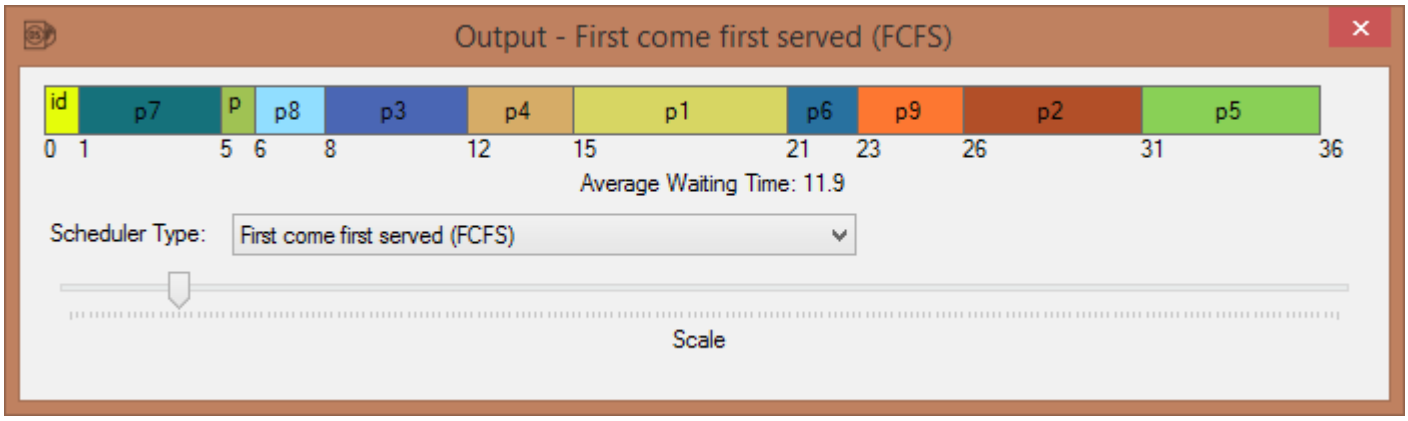


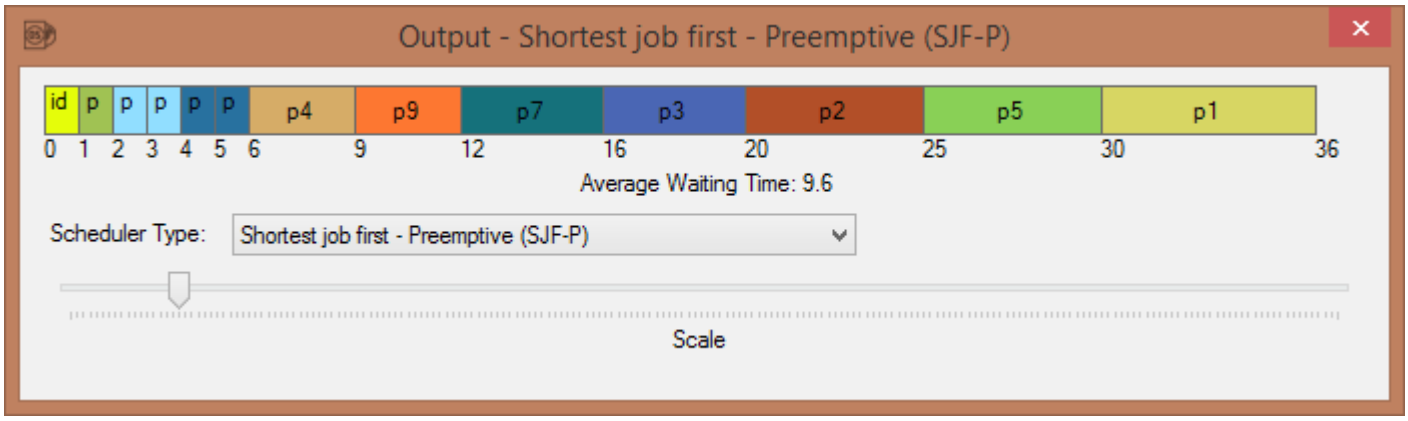
- You can change the scheduler type or resize the ghantt-chart.

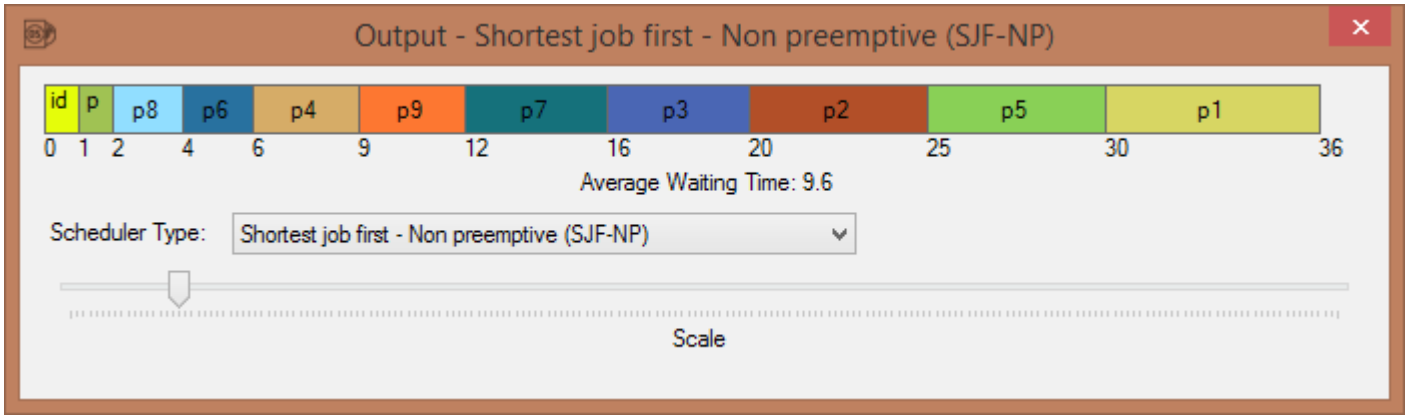

Output - Round Robin (RR)
id P P P

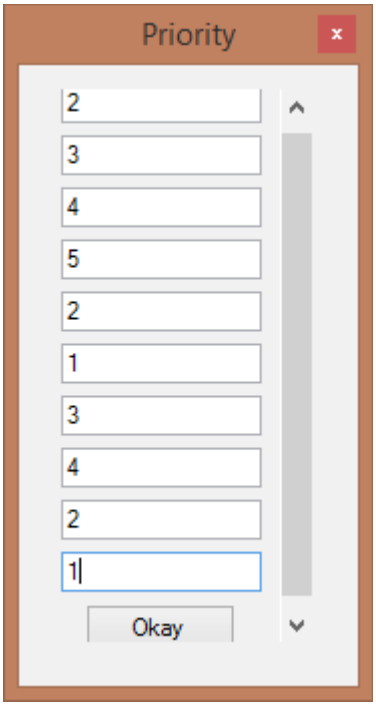
Screenshots:

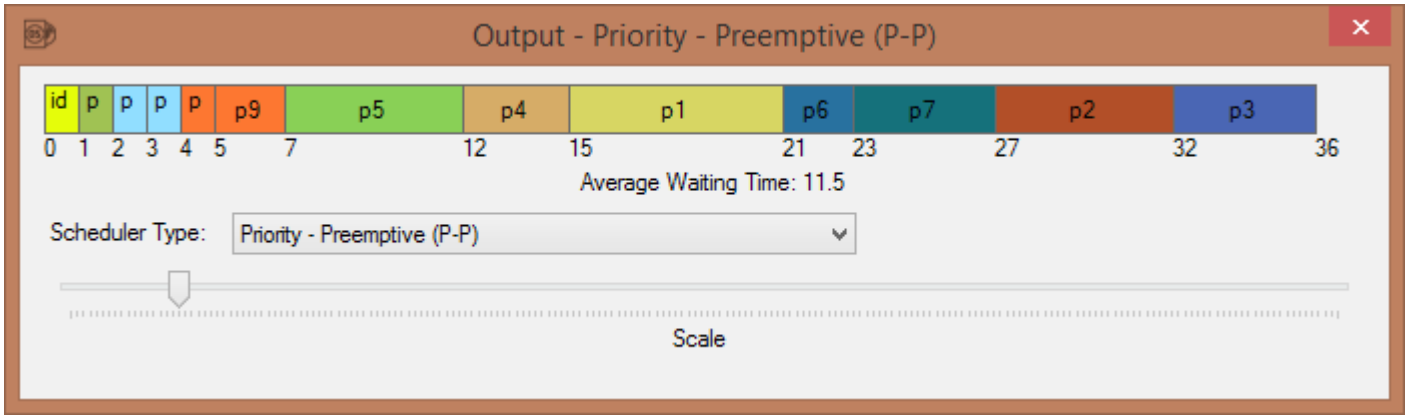


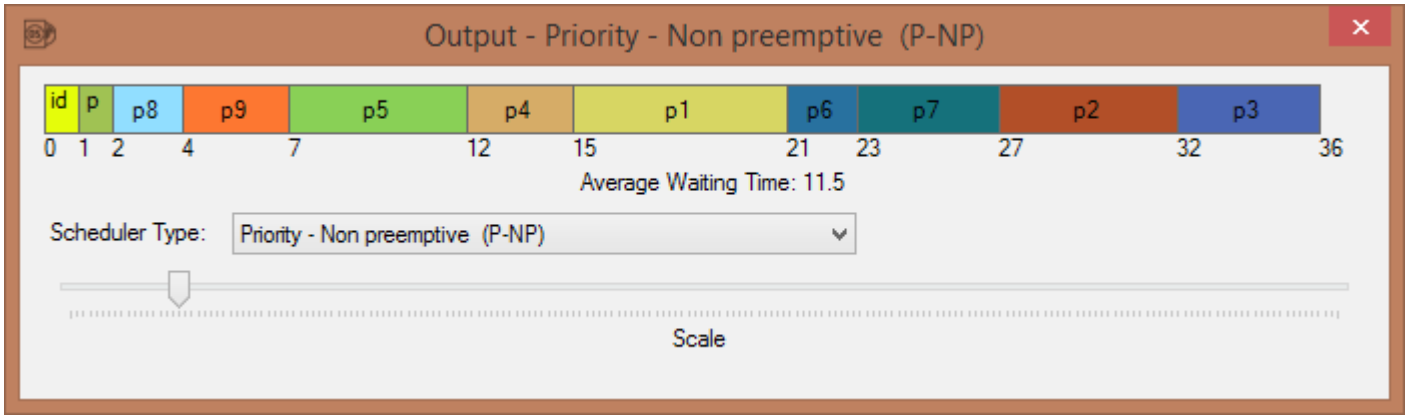


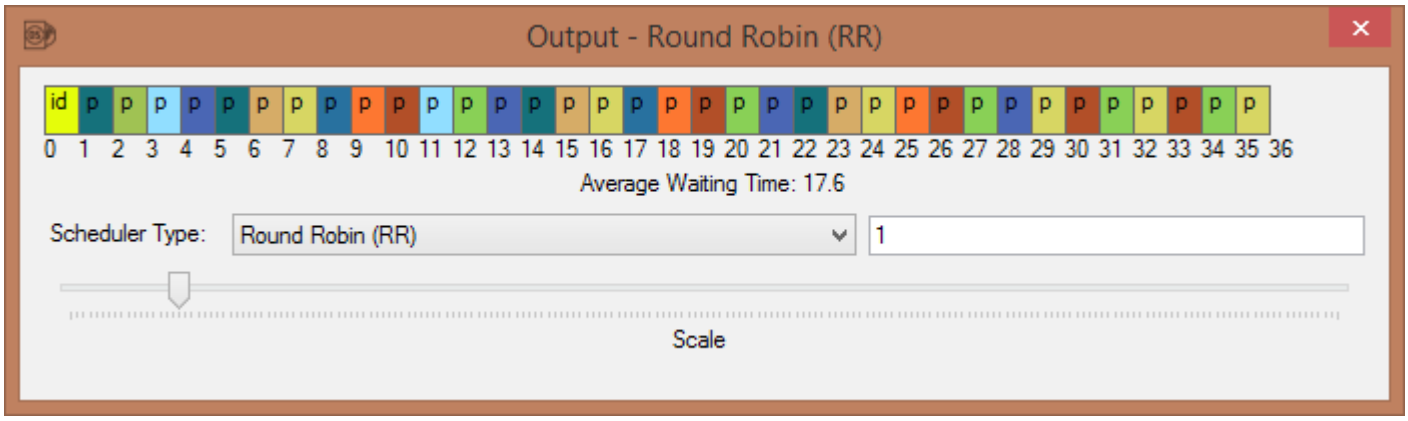



Output - Shortest job first - Non preemptive (SJF-NP)
id
p
p8
p6
p4
p9
p7
p3
p2
p5
p1
0 1 2 4 6 9 12 16 20 25 30 36
Average Waiting Time: 9.6
Scheduler Type:
Shortest job first - Non preemptive (SJF-NP)
Scale


Priority
2
3
4
5
2
1
3
4
2
1
Okay


Output - Priority - Preemptive (P-P)
id
p
p
p
p
p9
p5
p4
p1
p6
p7
p2
p3
0 1 2 3 4 5 7 12 15 21 23 27 32 36
Average Waiting Time: 11.5
Scheduler Type:
Priority - Preemptive (P-P)
Scale


Output - Priority - Non preemptive (P-NP)
id
p
p8
p9
p5
p4
p1
p6
p7
p2
p3
0 1 2 4 7 12 15 21 23 27 32 36
Average Waiting Time: 11.5
Scheduler Type:
Priority - Non preemptive (P-NP)
Scale


Output - Round Robin (RR)
id
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
Average Waiting Time: 17.6
Scheduler Type:
Round Robin (RR)
1
Scale