Metric Accuracy Testing

Processes

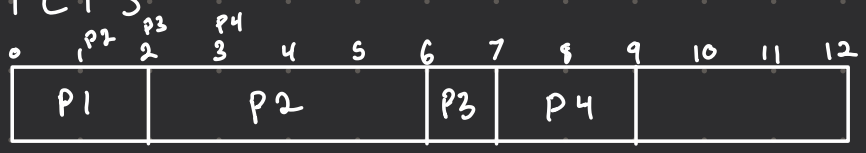
PID	Arrival	Burst	Priority
P1	0	2	2
P2	1	4	1
P3	2	1	3
P4	3	2	4

Turnaround = complete - arrival

waiting = turnaround - burst

respone = starttime - Arrival

FCFS

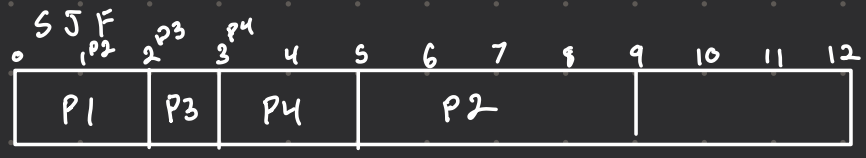


Expected

PID	Turnaround	waiting	response
P1	2	0	0
P2	5	1	1
P3	5	4	4
P4	6	4	4

sim

PID	Turnaround	Waiting	Response
P1	2	0	0
P2	5	1	1
P3	5	4	4
P4	6	4	4



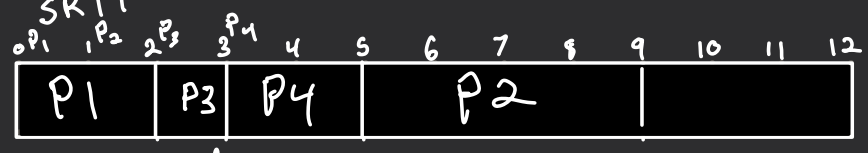
Expected

PID	Turnaround	waiting	response
P1	2	0	0
P2	8	4	4
P3	1	0	0
P4	2	0	0

Sim

PID	Turnaround	waiting	response
P1	2	0	0
P2	8	4	4
P3	1	0	0
P4	2	0	0

SRTF



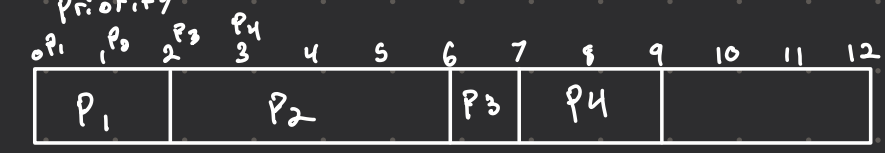
Expected

PID	Turnaround	waiting	response
P1	2	0	0
P2	8	4	4
P3	1	0	0
P4	2	0	0

sim

PID	Turnaround	waiting	response
P1	2	0	0
P2	8	4	4
P3	1	0	0
P4	2	0	0

Priority



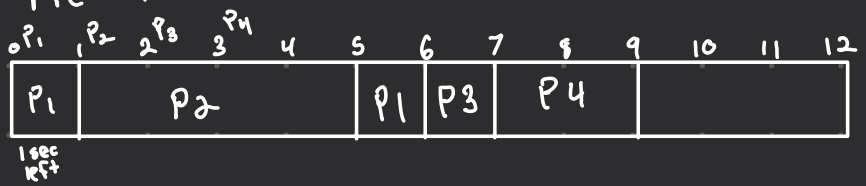
Expected

PID	Turnaround	waiting	response
P1	2	0	0
P2	5	1	1
P3	5	4	4
P4	6	4	4

sim

PID	Turnaround	waiting	Response
P1	2	0	0
P2	5	1	1
P3	5	4	4
P4	6	4	4

Preemptive priority



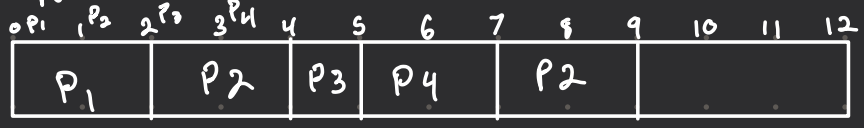
PID	Turnaround	waiting	response
P1	6	4	0
P2	4	0	6
P3	5	4	4
P4	6	4	4

Sim

PID	Turnaround	Waiting	Response
P1	6	4	6
P2	4	0	0
P3	5	4	4
P4	6	4	4

✓

Round robin time quantum = 2



PID	Turnaround	waiting	response
P1	2	0	0
P2	6	4	1
P3	3	2	2
P4	4	2	2

Sim

PID	Turnaround	Waiting	Response
P1	2	0	0
P2	8	4	1
P3	3	2	2
P4	4	2	2

✓