

Nama : Reza Aristo Rifandi
 Kelas : E
 NIM : L200180206

1. FCFS

Process Scheduling Information
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Efficiency (%)

1.00

Throughput (processes/time unit)

0.18

Avg. Turnaround Time (time)

14.75

Avg. Waiting Time (time)

9.25

Avg. Response Time (time)

9.25

PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
1	P0	1	0	-	7	0	0	7	1.0	0.0
2	P1	1	0	-	3	7	7	10	0.3	0.0
3	P2	1	0	-	10	10	10	20	0.5	0.0
4	P3	1	0	-	2	20	20	22	0.0909090...	0.0

PROCESS	P0	P1	P2	P3	AVG. WAIT TIME	AVG. TURNAROUND TIME	AVG. RESPONSE TIME
WAIT TIME	0	7	10	20	9,25	14,75	9,25

2. SJFS (Preemptive)

Process Scheduling Information										
Efficiency (%)	1.00									
Throughput (processes/time unit)	0.18									
Avg. Turnaround Time (time)	10.25									
Avg. Waiting Time (time)	4.75									
Avg. Response Time (time)	4.75									
PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
8	P3	1	0	-	2	0	0	2	1.0	0.0
6	P1	1	0	-	3	2	2	5	0.6	0.0
5	P0	1	0	-	7	5	5	12	0.5833333...	0.0
7	P2	1	0	-	10	12	12	22	0.4545454...	0.0

PROCESS	P0	P1	P2	P3	AVG. WAIT TIME	AVG. TURNAR UND TIME	AVG RESPONS E TIME
WAIT TIME	0	2	5	12	4,75	10,25	4,75

3. SJFS (Non-Preemptive)

Process Scheduling Information										
Efficiency (%)	1.00									
Throughput (processes/time unit)	0.18									
Avg. Turnaround Time (time)	10.25									
Avg. Waiting Time (time)	4.75									
Avg. Response Time (time)	4.75									
PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
22	P3	1	0	-	2	0	0	2	1.0	0.0
20	P1	1	0	-	3	2	2	5	0.6	0.0
19	P0	1	0	-	7	5	5	12	0.5833333...	0.0
21	P2	1	0	-	10	12	12	22	0.4545454...	0.0

PROCESS	P0	P1	P2	P3	AVG. WAIT TIME	AVG. TURNAR UND TIME	AVG RESPONS
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					TIME	UND TIME	E TIME
WAIT TIME	0	2	5	12	4,75	10,25	4,75

4. Priority Scheduling

Process Scheduling Information										
Efficiency (%)		1.00								
Throughput (processes/time unit)		0.18								
Avg. Turnaround Time (time)		12.50								
Avg. Waiting Time (time)		7.00								
Avg. Response Time (time)		7.00								
PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
23	P0	4	0	-	7	0	0	7	1.0	0.0
26	P3	3	0	-	2	7	7	9	0.222222...	0.0
24	P1	2	0	-	3	9	9	12	0.25	0.0
25	P2	1	0	-	10	12	12	22	0.454545...	0.0

PROCESS	P0 (4)	P3 (3)	P1 (2)	P2 (1)	AVG. WAIT TIME	AVG. TURNAROUND TIME	AVG. RESPONSE TIME
WAIT TIME	0	7	9	12	7,00	12,50	7,00

5. Round Robin (QT = 4)

Process Scheduling Information										
<div> <div>Efficiency (%)</div> <div>1.00</div> </div> <div> <div>Throughput (processes/time unit)</div> <div>0.18</div> </div> <div> <div>Avg. Turnaround Time (time)</div> <div>14.50</div> </div> <div> <div>Avg. Waiting Time (time)</div> <div>9.00</div> </div> <div> <div>Avg. Response Time (time)</div> <div>5.50</div> </div>										
PID	Name	Priority	Submission	Periodic	CPU	Response	Waiting	Turnaround	% CPU	% IO
32	P1	1	0	-	3	4	4	7	0.4285714...	0.0
34	P3	1	0	-	2	11	11	13	0.1538461...	0.0
31	P0	1	0	-	7	0	9	16	0.4375	0.0
33	P2	1	0	-	10	7	12	22	0.4545454...	0.0

PROCESS	P0	P1	P2	P3	AVG. WAIT TIME	AVG. TURNARO UND TIME	AVG RESPONS E TIME
WAIT TIME	9	4	12	11	9,00	14,50	9,00