

• FCFS Scheduling Algorithm

Example- 1:

Sr. No	Process	Execution Time/ Burst Time(ms)
1	p0	10
2	p1	4
3	p2	8
4	p3	6

If the arrival time is not given. We can assume arrival time of all process is 0.

FCFS Scheduling Algorithm

Example- 2:

Sr. No	Process	Arrival Time	Execution Time/ Burst Time(ms)
1	p ₀	0	5
2	p ₁	4	3
3	p ₂	6	7
4	p ₃	2	2

When Arrival Time is given

- Nonpreemptive SJF Scheduling Algorithm

Sr. No	Process	Execution Time/ Burst Time(ms)
1	p0	10
2	p1	4
3	p2	8
4	p3	6

If the arrival time is not given. We can assume arrival time of all process is 0.

- Preemptive SJF Algorithm

Sr. No	Process	Arrival Time	Execution Time/ Burst Time(ms)
1	p ₀	0	8
2	p ₁	1	4
3	p ₂	2	9
4	p ₃	3	5

- Priority Scheduling Algorithm

Sr. No	Process	Burst time	Priority
1	P ₁	10	3
2	P ₂	1	1
3	P ₃	2	4
4	P ₄	1	5
5	P ₅	5	2

- Preemptive Priority Scheduling

Sr. No	Process	Burst time	Priority	Arrival Time
1	P ₁	10	3	0
2	P ₂	5	2	1
3	P ₃	2	1	2

- Round-Robin Scheduling Algorithm

Sr. No	Process	Burst time
1	P ₁	10
2	P ₂	1
3	P ₃	2
4	P ₄	1
5	P ₅	5

Time Quantum is 2 ms.

• Round-Robin Scheduling Algorithm

when arrival time is given

S.No.	Process	Arrival Time (AT)	Burst Time (BT)
1	P ₁	0	8
2	P ₂	5	2
3	P ₃	1	7
4	P ₄	6	3
4	P ₅	8	5

Time Quantum (TQ)= 3 ms.



- What to do next time :

- <https://forms.gle/FTVLWiTTrijEs4X7z9>



- What to do next time :

- We should prepare chapter memory management carefully



Thank You

With My Best Wishes

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