

- **Comparison**

Metric / Algorithm	FCFS	SJF	Priority	Round Robin
Waiting Time	8.3	6	9.3	12
Turnaround Time	16	13.6	17	19
Jobs	3	3	3	3
Burst Times	10, 5, 8	10, 5, 8	10, 5, 8	10, 5, 8
			priority = 1,3,2	Quantum = 2

- **FCFS**

Advantages	Disadvantages
Easy to implement (:	High average waiting time
Nothing (:	Can cause system to freeze
	Non-preemptive!

- **SJF**

Advantages	Disadvantages
Preemptive (Also non-preemptive)	We don't know Burst-Times in real life!
Minimum average waiting time	Starvation!

- **Priority**

Advantages	Disadvantages
Preemptive (Also non-preemptive)	Starvation for low priority
	Need to implement Aging to avoid starvation
	How to determine priority?!

- **Round robin**

Advantages	Disadvantages
Preemptive	Context switch overhead
Fair-play	Waste of good waiting time!
Low average time	
No starvation	
Fast response time	

