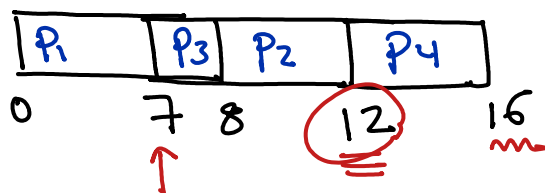


SJF (Shortest Job First; non-preemptive)

Example:

دوره اول

Gantt chart



Process	<u>Arrival Time</u>	<u>Burst Time</u>
P1	0	7
P2	2	4
P3	4	1
P4	5	4

16

waiting

Process AT BT WT TAT ← Turnaround time

Process	AT	BT	WT	TAT
P1	0	7	0	7-0=7
P2	2	4	6	12-2=10
P3	4	1	3	4
P4	5	4	7	11

Average waiting time = $\frac{16}{4} = 4$ A TAT = $\frac{32}{4} = 8$