

First come first served

T1: Scheduled at T=0 and it was ready at T=0. Waiting time = $0 - 0 = 0$

T2: Scheduled at T=1 and it was ready at T=0. Waiting time = $1 - 0 = 1$

T3: Scheduled at T=3 and it was ready at T=0. Waiting time = $3 - 0 = 3$

T4: Scheduled at T=7 and it was ready at T=0. Waiting time = $7 - 0 = 7$

T5: Scheduled at T=13 and it was ready at T=0. Waiting time = $13 - 0 = 13$

T6: Scheduled at T=21 and it was ready at T=11. Waiting time = $21 - 11 = 10$

T7: Scheduled at T=29 and it was ready at T=11. Waiting time = $29 - 11 = 18$

T8: Scheduled at T=35 and it was ready at T=11. Waiting time = $35 - 11 = 24$

T9: Scheduled at T=39 and it was ready at T=11. Waiting time = $39 - 11 = 28$

T10: Scheduled at T=41 and it was ready at T=11. Waiting time = $41 - 11 = 30$

Longest Waiting Time: T10 with 30 time units.

Shortest Waiting Time: T1 with 0 time units.

Average Waiting Time: $(0 + 1 + 3 + 7 + 13 + 10 + 18 + 24 + 28 + 30) / 10 = 13.4$ time units.

Round robin

T1: Scheduled at T=1 and it was ready at T=0. Waiting time = $1 - 0 = 1$

T2: Scheduled at T=3 and it was ready at T=0. Waiting time = $3 - 0 = 3$

T3: Scheduled at T=7 and it was ready at T=0. Waiting time = $7 - 0 = 7$

T4: Scheduled at T=13 and it was ready at T=0. Waiting time = $13 - 0 = 13$

T5: Scheduled at T=21 and it was ready at T=0. Waiting time = $21 - 0 = 21$

T6: Scheduled at T=29 and it was ready at T=11. Waiting time = $29 - 11 = 18$

T7: Scheduled at T=35 and it was ready at T=11. Waiting time = $35 - 11 = 24$

T8: Scheduled at T=39 and it was ready at T=11. Waiting time = $39 - 11 = 28$

T9: Scheduled at T=41 and it was ready at T=11. Waiting time = $41 - 11 = 30$

T10: Scheduled at T=42 and it was ready at T=11. Waiting time = $42 - 11 = 31$

Longest Waiting Time: T10 with 31 time units.

Shortest Waiting Time: T1 with 1 time unit.

Average Waiting Time: $(1 + 3 + 7 + 13 + 21 + 18 + 24 + 28 + 30 + 31) / 10 = 17.6$ time units.

Arrival Time	Burst Time	Finish Time	Turnaround Time	Waiting Time
0	1	1	1	0
0	2	3	3	1
0	4	7	7	3
0	6	13	13	7
0	8	21	21	13
11	8	29	18	10
11	6	35	24	18
11	4	39	28	24
11	2	41	30	28
11	1	42	31	30
Average			$176 / 10 = 17.6$	$134 / 10 = 13.4$

Source <https://boonsuen.com/process-scheduling-solver>