

CPU Scheduling using the First Come First Serve Algorithm

Process ID	Burst
1	18ms
2	7ms
3	2ms
4	12ms
5	18ms
6	2ms
7	1ms
8	1ms
9	5ms
10	9ms

0--P1--18--P2--25--P3--27--P4--39--P5--57--P6--59--P7--60--P8--61--P9--66--P10--75

Process ID	WT	TT
1	0ms	18ms
2	18ms	25ms
3	25ms	27ms
4	27ms	39ms
5	39ms	57ms
6	57ms	59ms
7	59ms	60ms
8	60ms	61ms
9	61ms	66ms
10	66ms	75ms

The AWT is: 41.2ms

The ATT is: 48.7ms/n

CPU Scheduling using the Shortest Remaining Time First Algorithm

Process ID	Arrival Time	Burst
1	3ms	2ms
2	9ms	18ms
3	0ms	20ms
4	2ms	19ms
5	2ms	12ms

6	6ms	13ms
7	3ms	17ms
8	7ms	6ms
9	1ms	4ms
10	8ms	12ms

0--P3--1--P9--3--P1--5--P9--7--P8--13--P5--25--P10--37--P6--50--P7--67--P2--85--P3--104--P4--123

Process ID	WT	TT
1	0ms	2ms
2	58ms	76ms
3	84ms	104ms
4	102ms	121ms
5	11ms	23ms
6	31ms	44ms
7	47ms	64ms
8	0ms	6ms
9	2ms	6ms
10	17ms	29ms

The AWT is: 35.2ms

The ATT is: 47.5ms

CPU Scheduling using the Round Robin Algorithm

Time quantum = 4

Process ID	Burst
1	7ms
2	10ms
3	7ms
4	1ms
5	7ms
6	1ms
7	9ms
8	4ms
9	9ms
10	5ms

0--P1--4--P2--8--P3--12--P4--13--P5--17--P6--18--P7--22--P8--26--P9--30--P10--34--P1--37
--P2--41--P3--44--P5--47--P7--51--P9--55--P10--56--P2--58--P7--59--P9--60

Process ID	WT	TT
1	30ms	37ms
2	48ms	58ms
3	37ms	44ms
4	12ms	13ms
5	40ms	47ms
6	17ms	18ms
7	50ms	59ms
8	22ms	26ms
9	51ms	60ms
10	51ms	56ms

The AWT is: 35.8ms

The ATT is: 41.8ms