

# CPU Scheduling Algorithms: Process Data & Results

## Process Data

Process	Arrival Time	Burst Time
P1	0	7
P2	2	4
P3	4	1
P4	5	4
P5	6	6
P6	7	3

## Shortest Job First (SJF) - Non Preemptive

Process	AT	BT	CT	TAT	WT	RT
P1	0	7	7	7	0	0
P2	2	4	12	10	6	6
P3	4	1	8	4	3	3
P4	5	4	16	11	7	7
P5	6	6	25	19	13	13
P6	7	3	19	12	9	9

## Shortest Remaining Time First (SRTF) - Preemptive

Process	AT	BT	CT	TAT	WT	RT
P1	0	7	25	25	18	0
P2	2	4	7	5	1	0
P3	4	1	5	1	0	0
P4	5	4	14	9	5	0
P5	6	6	20	14	8	8
P6	7	3	10	3	0	0

## Round Robin (RR) - Quantum = 4 ms

Process	AT	BT	CT	TAT	WT	RT
P1	0	7	23	23	16	0
P2	2	4	8	6	2	2

P3	4	1	9	5	4	4
P4	5	4	13	8	4	4
P5	6	6	25	19	13	7
P6	7	3	20	13	10	6