

CPU SCHEDULING ALGORITHMS

2. Shortest Job First (SJF)

OUTPUT SJF :

Enter number of Processes:

5

Enter Process Details

: Process ID: 1

Arrival Time: 0

Burst Time: 3

Enter Process Details

: Process ID: 2

Arrival Time: 2

Burst Time: 6

Enter Process Details

: Process ID: 3

Arrival Time: 4

Burst Time: 4

Enter Process Details

: Process ID: 4

Arrival Time: 6

Burst Time: 5

Enter Process Details

: Process ID: 5

Arrival Time: 8

Burst Time: 2

Process Schedule Table:

Process ID	Arrival Time	Burst Time	Wait Time	Turnaround Time
1	0.000000	3.000000	0.000000	3.000000
2	2.000000	6.000000	1.000000	7.000000
5	8.000000	2.000000	1.000000	3.000000
3	4.000000	4.000000	7.000000	11.000000
4	6.000000	5.000000	9.000000	14.000000

Average wait time: 3.600000

Average turnaround time: 7.600000