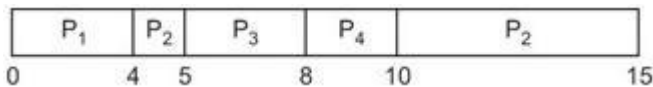# SHORTEST REMAINING TIME FIRST

A Non-preemptive SJF algorithm will allow the currently running process to finish. Preemptive SJF Scheduling is sometimes called Shortest Remaining Time First algorithm.

P_1	P_2	P_3	P_4	P_2
0 4	5	8	10	15

Advantages

- It gives superior turnaround time performance to shortest process next because a short job is given immediate preference to a running longer job.
- Throughput is high.

Disadvantages

- Elapsed time (i.e., execution-completed-time) must be recorded, it results an additional overhead on the processor.
- Starvation may be possible for the longer processes.