# CPU scheduling

Tutorial - Part 2

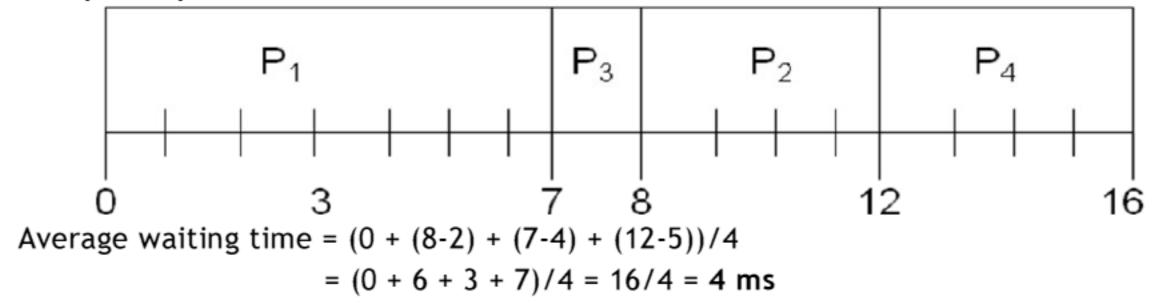
Given below are the arrival and burst times of four processes P1, P2, P3 and P4.

Draw the Gantt Chart using SJF (non-preemptive) and SRTF (preemptive SJF) scheduling algorithms and calculate the average waiting time.

<u>Process</u>	<u> Arrival Time</u>	Burst Time
P1	0.0	7
P2	2.0	4
P3	4.0	1
P4	5.0	4

#### **Solution**

## Non preemptive SJF:



#### **SRTF** (SJF preemptive)

### Preemptive SJF:

