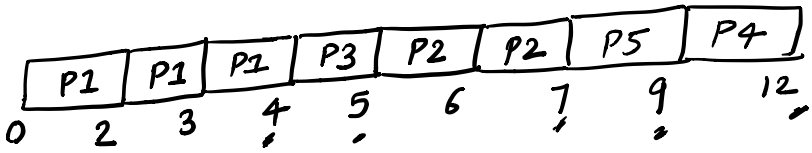
SRTF EXAMPLE WITH DIFFERENT ARRIVAL TIMES

		AT	BT	ST	CT	TAT	WT	RT
X	P1	0	~~4 2 1~~	0	4	4	0	0
X	P2	2	~~2 1~~	5	7	5	3	3
X	P3	3	~~1~~	4	5	2	1	1
X	P4	5	~~3~~	9	12	7	4	4
X	P5	6	2	7	9	3	1	1

AT	BT
→ 0	2 P1
2	2 P2



TAT = CT - AT

WT = TAT - CPU BT

- I/O BT

RT = ST - AT

Avg TAT = (4+5+2+7+3)/5 = 21/5

Avg WT = (3+1+4+1)/5 = 9/5

Avg RT = (3+1+4+1)/5 = 9/5

$$\text{CPU utilization} = \frac{12}{12} \times 100 = 100\%$$

$$\text{Throughput} = \frac{5}{\text{Max(CT)} - \text{Min(AT)}} = \frac{5}{12-0} = \frac{5}{12} \text{ process/unit time}$$