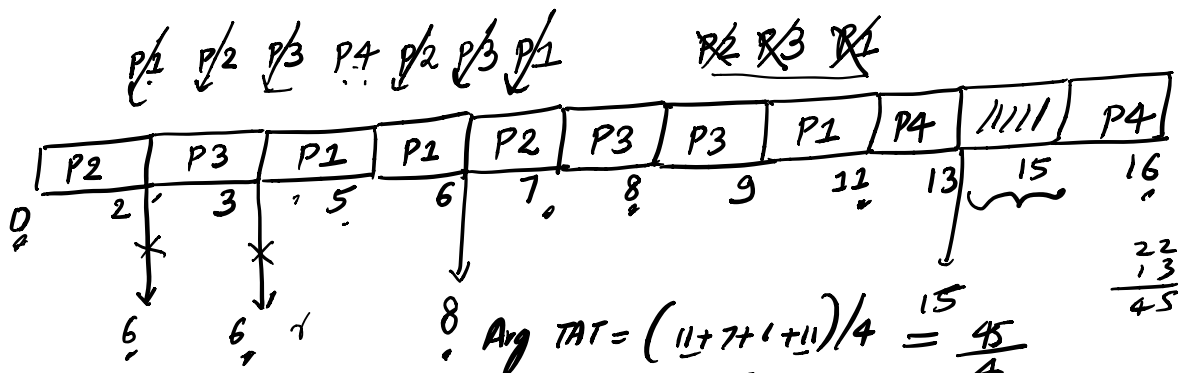


SRTF WITH CPU AND IO BURST TIME

	AT	CPU BT	I/O BT	CPU BT	TBT	ST	CT	TAT	WT	RT
→ P1	0	3 2	2	2	0	3	11	11	4	0
∞ P2	0	2	4	2	0	0	7	7	0	0
∞ P3	2	2	3	2 1	0	2	8	6	0	0
→ P4	5	2	1	2	0	11	16	11	6	1



$$\text{Avg TAT} = \frac{(11+7+1+11)}{4} = \frac{45}{4} = 11.25$$

$$\text{Avg WT} = \frac{(4+6)}{4} = \frac{10}{4} = 2.5$$

$$\text{Avg RT} = \frac{2}{4} = 0.5$$

$$\text{CPU utilization} = \frac{16 - 2}{16} \times 100 = \frac{14}{16} \times 100 = 87.5\%$$

$$\text{throughput} = \frac{4}{16 - 0} = \frac{1}{4} = 0.25$$

$$\text{Max(CT)} - \text{Min(AT)}$$