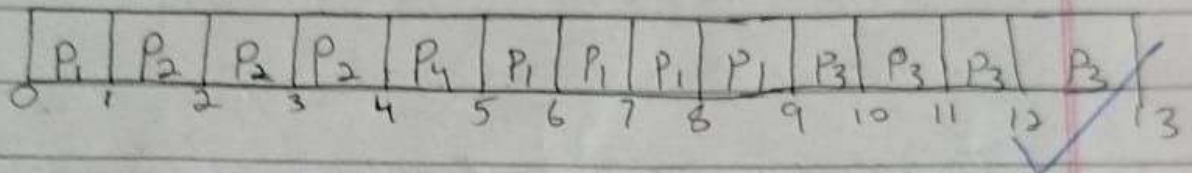


21b-1883 CLO2 Q perform CPU scheduling with
Shortest remaining time first

	AT	BT	TAT	WT
P ₁	0	8	9	4
P ₂	1	3	3	0
P ₃	2	4	11	7
P ₄	4	1	1	0



$$TAT = CT - AT$$

$$P_1 = 9 - 0 = 9$$

$$P_2 = 4 - 1 = 3$$

$$P_3 = 13 - 2 = 11$$

$$P_4 = 5 - 4 = 1$$

Average TAT

$$= 9 + 3 + 11 + 1 = 24$$

$$= \frac{24}{4} = 6$$

$$WT = TAT - BT$$

$$P_1 = 9 - 5 = 4$$

$$P_2 = 3 - 3 = 0$$

$$P_3 = 11 - 4 = 7$$

$$P_4 = 1 - 1 = 0$$

10

$$\text{Average } WT = 4 + 0 + 7 + 0 = 11$$

$$= \frac{11}{4} = 2.75 \approx 3$$