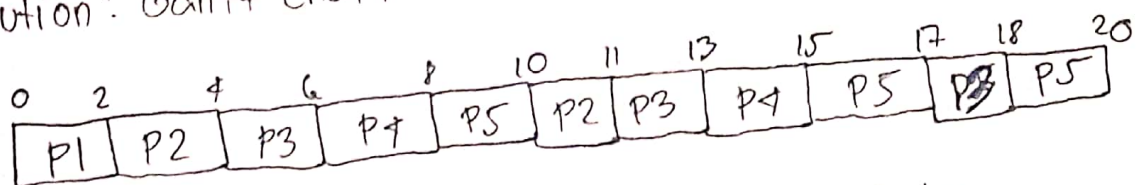


Jan Patrick P. Ramirez

Time Quantum = 2

Process	Arrival time	Burst time	Turn around time	Waiting time
P1	0	2	2	0
P2	1	3	10	7
P3	2	5	16	11
P4	3	4	12	8
P5	4	6	16	10

Solution: Gantt chart



$$\begin{aligned}\text{Average turn around time} &= (2 + 10 + 16 + 12 + 16) / 5 \\ &= 56 / 5 \\ &= 11.2\end{aligned}$$

$$\begin{aligned}\text{Average waiting time} &= (0 + 7 + 11 + 8 + 10) / 5 \\ &= 36 / 5 \\ &= 7.2\end{aligned}$$