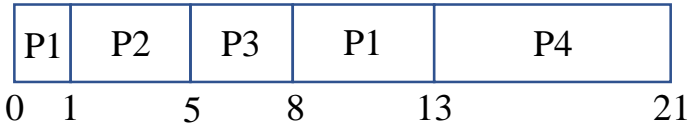


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A11.2021.13550
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Sistem Operasi

Proses	Burst Time	Waktu Kedatangan	Priority	Quantum Time
P1	6	0	3	4
P2	4	1	4	
P3	3	3	1	
P4	8	6	2	

PSJF – Gantt Chart



PSJF – Average Waiting Time

$$WT = ((0 - 0) + (8 - 1)) + (1 - 1) + (5 - 3) + (13 - 6) = 7 + 0 + 2 + 7 = 16$$
$$AWT = \frac{16}{4} = 4$$

PSJF – Average Turn Around Time

$$TAT = (13 - 0) + (5 - 1) + (8 - 3) + (21 - 6) = 13 + 4 + 5 + 15 = 37$$
$$ATAT = \frac{37}{4} = 9.25$$