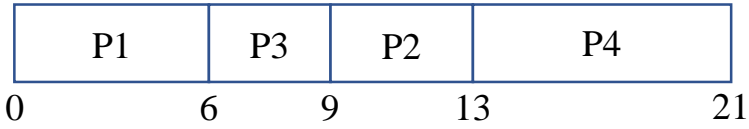


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A11.2021.13550  
A11.442U  
Sistem Operasi

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	

SJF – Gantt Chart



SJF – Average Waiting Time

$WT = (0 - 0) + (9 - 1) + (6 - 3) + (13 - 6) = 0 + 8 + 3 + 7 = 18$

$AWT = \frac{18}{4} = 4.5$

SJF – Average Turn Around Time

$TAT = (6 - 0) + (13 - 1) + (9 - 3) + (21 - 6) = 6 + 12 + 6 + 15 = 39$

$ATAT = \frac{39}{4} = 9.75$