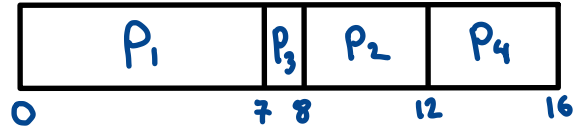


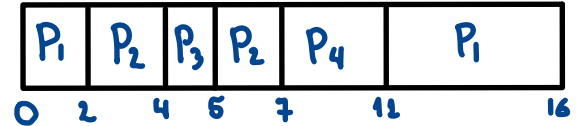
Non-Preemptive:



Process	arrive time	burst time
P ₁	0	7
P ₂	2	4
P ₃	4	1
P ₄	5	4

$$E[W] = \frac{(0 + 4 + 3 + 7)}{4} = 4$$

Preemptive:



Process	arrive time	burst time
P ₁	0	7
P ₂	2	4
P ₃	4	1
P ₄	5	4

$$E[W] = \frac{(9 + 1 + 0 + 2)}{4} = 3$$