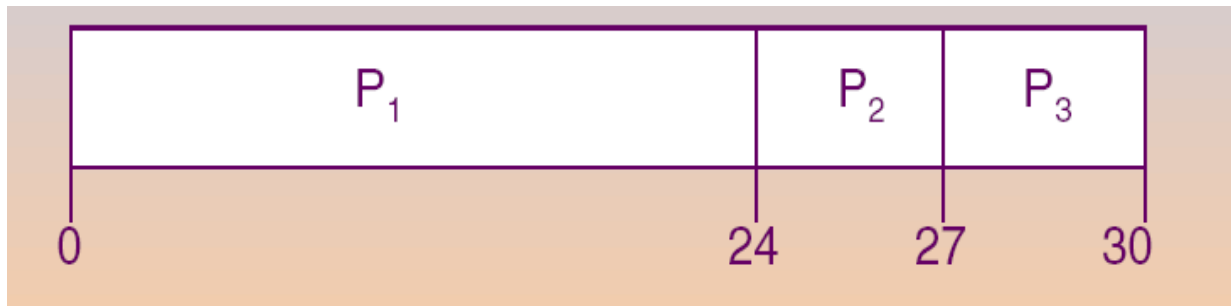


# FCFS Scheduling

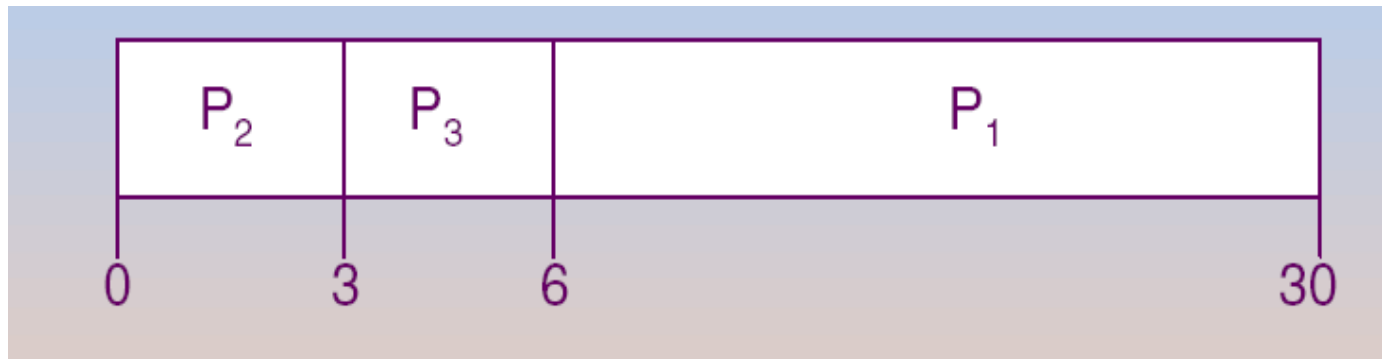
- Process (Burst Time) in arriving order:  
P1 (24), P2 (3), P3 (3)
- The Gantt Chart of the schedule



- Waiting time: P1 = 0, P2 = 24, P3 = 27
- **Average Waiting Time (AWT):**  $(0+24+27) / 3 = 17$
- **Convoy effect:** short processes behind a long process

# FCFS Scheduling

- Process (Burst Time) in arriving order:  
P2 (3), P3 (3), P1 (24)
- The Gantt Chart of the schedule



- Waiting time: P1 = 6, P2 = 0, P3 = 3
- Average Waiting Time (AWT):  $(6+0+3) / 3 = 3$