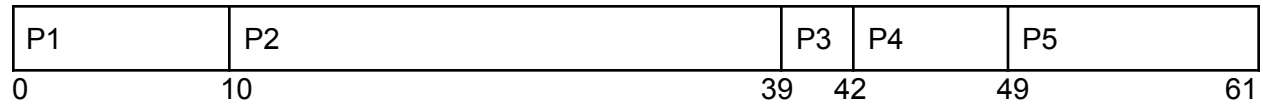


Julian Garcia
Quiz 2

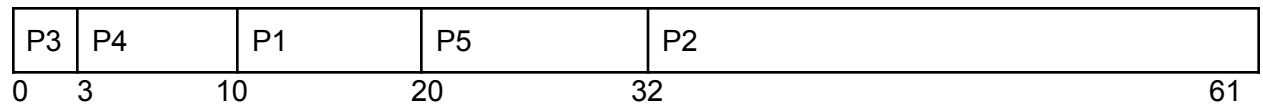
FCFS:
Gantt Chart



Waiting Time for P1 = 0, P2 = 10, P3 = 39, P4 = 42, P5 = 49

Avg Waiting Time = $(0 + 10 + 39 + 42 + 49) / 5 = \mathbf{28ms}$

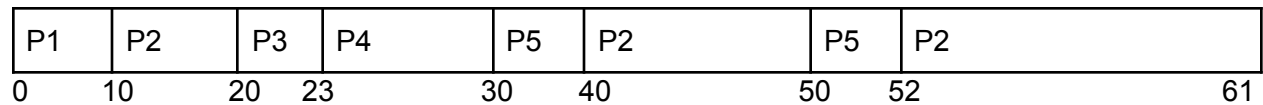
SJF:
Gantt Chart



Waiting Time for P3 = 0, P4 = 3, P1 = 10, P5 = 20, P2 = 32

Avg Waiting Time = $(0 + 3 + 10 + 20 + 32) / 5 = \mathbf{13ms}$

RR (Quantum 10):
Gantt Chart



Waiting Time for

P1 = 0

P2 = $10 + (40 - 10) + (52 - 20) = 72$

P3 = 20

P4 = 23

P5 = $30 + (50 - 10) = 70$

Avg Waiting Time = $(0 + 72 + 20 + 23 + 70) / 5 = \mathbf{37ms}$

SJF would give the minimum average waiting time