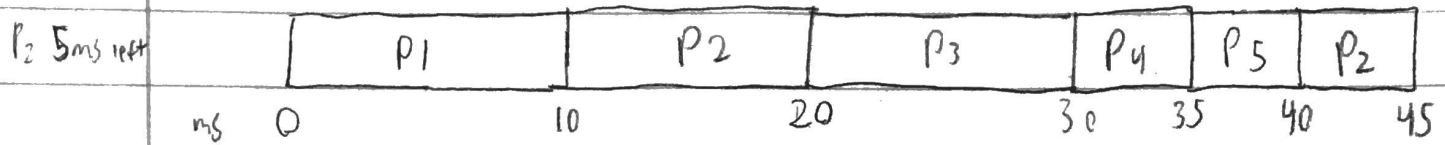


CSC 456
Assignment 2
Joel Byers

1.



$$P1_{wait} = 0$$

$$P2_{wait} = 10 + 20 = 30$$

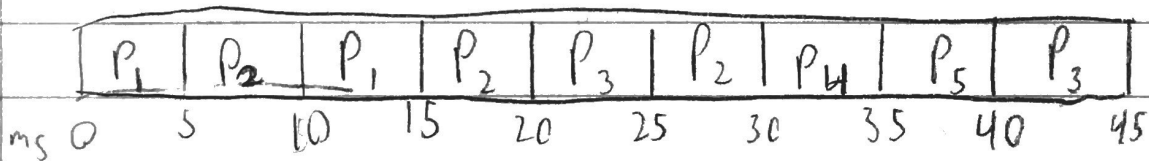
$$P3_{wait} = 0$$

$$P4_{wait} = 0$$

$$P5_{wait} = 5$$

$$\text{Avg wait} = 35/5 = 7\text{ms}$$

2. FCFS queue - P_1 P_2 P_3
 5ms 10ms 5ms
 5ms



$$P1_{wait} = 5$$

$$P2_{wait} = 15$$

$$P3_{wait} = 15$$

$$P4_{wait} = 0$$

$$P5_{wait} = 5$$

$$\text{Avg wait} = 40/5 = 8\text{ms}$$