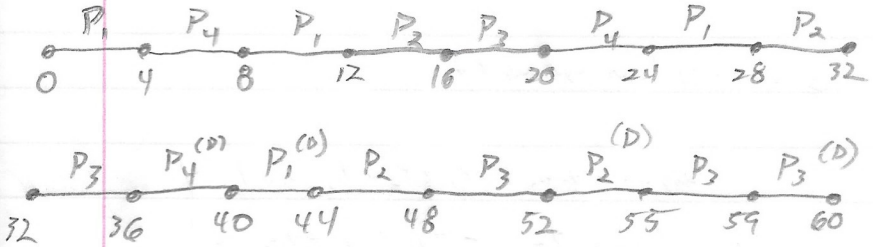
(d) RR scheduling with quantum = 4

Burst Remain: 16 12 12 12 15 17 12 15 17 8

RQ → P_1 P_4 → P_4 P_1 P_2 P_3 → P_1 P_2 P_3 P_4 P_2 P_3 P_4 P_1 ... etc

Arrival: 0 2 (4) 6 (8) (12)



CPU Burst:

P_1 : 16 12 8 4 0

P_2 : 18 14 7 3 0

P_3 : 17 13 9 5 1 0

P_4 : 17 8 4 0

(2d) $[(44-0-16)+(55-6-15)+(60-8-17)+(40-2-12)]/4$

(e) Process Priority

Priority:

P_1 : 2

P_2 : 1

P_3 : 0

P_4 : 3

Priority: 2 2 3 1 2 3 0 1 2 3

Burst Rem: 16 14 12 15 10 12 17 13 10 12

RQ → P_1 → P_1 P_4 → P_2 P_1 P_4 → P_3 P_2 P_1 P_4 ...

Arrival 0 2 6 8

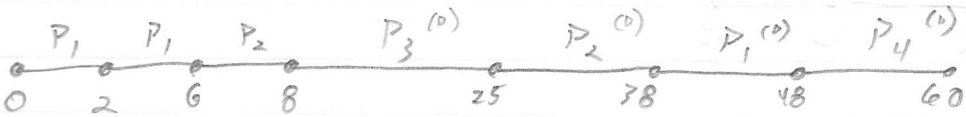
CPU Burst:

P_1 : 16 14 10 0

P_2 : 15 13

P_3 : 17 0

P_4 : 12



(2e) $[(48-0-16)+(38-6-15)+(25-8-17)+(60-2-12)]/4$