

Output:

Initial queue:

Processes:

P1 (BT=10)

P2 (BT=5)

P3 (BT=15)

P4 (BT=7)

Running Round Robin (Quantum = 5)

Processing P1

Time used: 5, Remaining: 5

Processing P2

P2 completed!

Processing P3

Time used: 5, Remaining: 10

Processing P4

Time used: 5, Remaining: 2

Processing P1

P1 completed!

Processing P3

Time used: 5, Remaining: 5

Processing P4

P4 completed!

Processing P3 (final)

P3 completed!