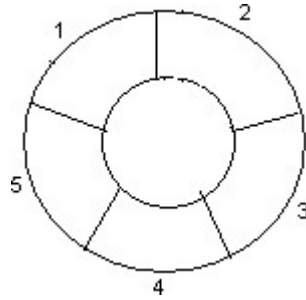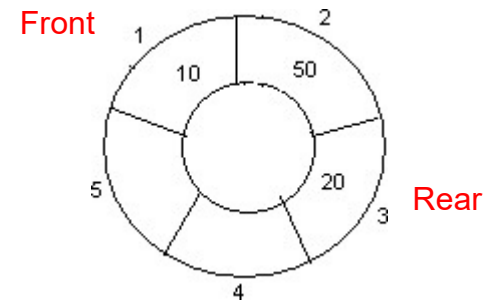Example: Consider the following circular queue with N =5.

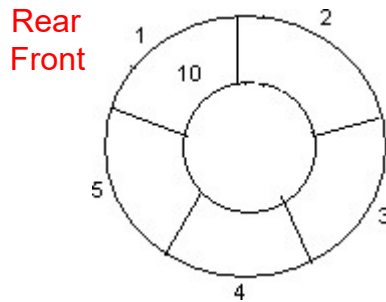1. Initially, Rear = 0, Front =0.

4. Insert 20, Rear = 3, Front =0.

2. Insert 10, Rear = 1, Front =1.

5. Insert 70, Rear = 4, Front =1.
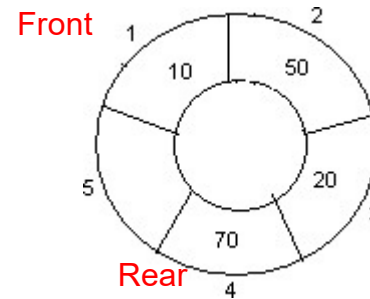
3. Insert 50, Rear = 2, Front =1.
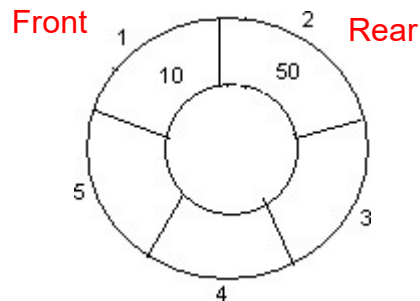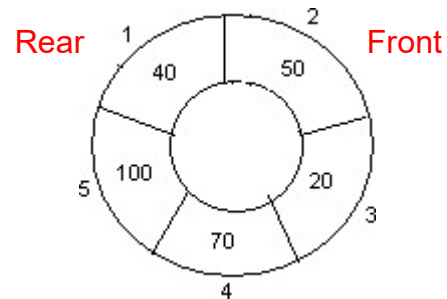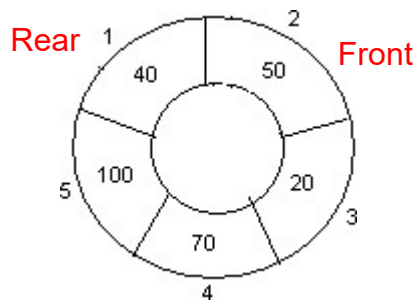

6. Delete front, Rear = 4, Front =2.
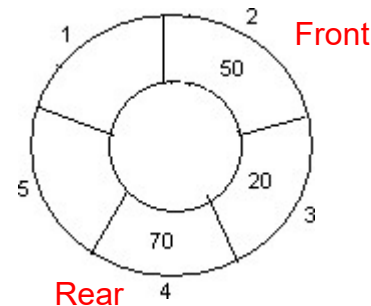
7. Insert 100, Rear = 5, Front =2.
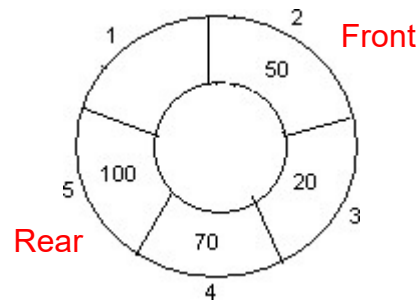
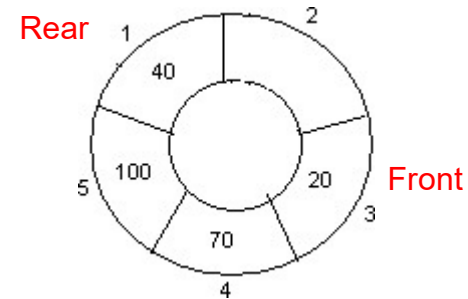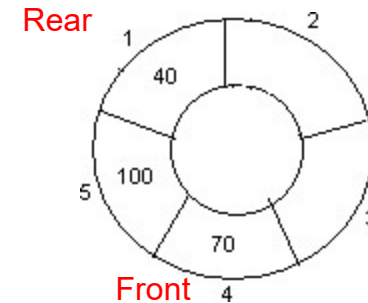## 8. Insert 40, Rear = 1, Front =2.

9. Insert 140, Rear = 1, Front =2.
As Front = Rear + 1, so Queueoverflow.

10. Delete front, Rear = 1, Front =3.

11. Delete front, Rear = 1, Front =4.

12. Delete front, Rear = 1, Front =5.