C:\DS\circular.exe

```
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 6
Queue elements from rear to front: 6 4

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 3
Deleted element = 4

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 5
Queue elements from front to rear: 6

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 4
Deleted element = 6

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 7

Process returned 0 (0x0)   execution time : 52.815 s
Press any key to continue.
```

C:\DS\circular.exe

```
Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 1
Enter the element to insert from front: 4

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 2
Enter the element to insert from rear: 6

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 5
Queue elements from front to rear: 4 6

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit
Enter your choice: 6
Queue elements from rear to front: 6 4

Choose the operation you want to operate:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
```

```
        break;
    case 7:
        return 0;
    default:
        printf("Invalid choice\n");
    }
}
```

Output:

Choose the operation:
1. Insert from front
2. Insert from rear
3. Delete from front
4. Delete from rear
5. Display front to rear
6. Display rear to front
7. Exit

Enter your choice: 1
Enter the element to insert from front: 45

Choose the operation:
1. Insert from front.
2. Insert from rear.
3. Delete from front.
4. Delete from rear.
5. Display front to rear.
6. Display rear to front.
7. Exit

Enter your choice: 2

3/11/25
o/p Seen