```
1: Insert
2:Delete
3: Display
4: Exit
Enter your choice
1
Enter the element:
2
1: Insert
2:Delete
3: Display
4: Exit
Enter your choice
1
Enter the element:
6
1: Insert
2:Delete
3: Display
4: Exit
Enter your choice
1
Enter the element:
1
1: Insert
2:Delete
3: Display
4: Exit
```

```
Enter your choice
1
 Queue is full

 1: Insert
 2:Delete
 3: Display
 4: Exit
Enter your choice
2
2 is deleted
 1: Insert
 2:Delete
 3: Display
 4: Exit
Enter your choice
3
6 1
 1: Insert
 2:Delete
 3: Display
 4: Exit
```

```
Enter your choice
2
6 is deleted
 1: Insert
 2:Delete
 3: Display
 4: Exit
Enter your choice
2
1 is deleted
 1: Insert
 2:Delete
 3: Display
 4: Exit
Enter your choice
```

```
Enter your choice
2
 Queue is empty


 1: Insert
 2:Delete
 3: Display
 4: Exit
Enter your choice
```