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

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

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

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

```
The choices are:

 1.insert
 2.delete
 3.display
 4.exit
Enter the choice:3
1
2
3
The choices are:

 1.insert
 2.delete
 3.display
 4.exit
Enter the choice:2
The choices are:

 1.insert
 2.delete
 3.display
 4.exit
Enter the choice:2
```

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

 1 Insert
 2 Delete
 3 Display
 4 Exit
Enter the choice:2

 1 Insert
 2 Delete
 3 Display
 4 Exit
Enter the choice:2

 1 Insert
 2 Delete
 3 Display
 4 Exit
Enter the choice:2
Queue is empty
```