

```
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
```

```
1
Enter the item at front end:
```

```
2
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
```

```
1
Enter the item at front end:
```

```
2
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
```

```
2
Enter the item at rear end:
```

```
3
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
```

```
2
Enter the item at rear end:
```

```
4
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
```

```
2
```



2

Enter the item at rear end:

5

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit

3

Item deleted at front end is 2

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit

4

Item deleted at rear end is 5

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit

5

Contents of the list are:

2

3

4

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit

6

Enter key element :

3

enter towards left of 3=23

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

```

8.exit
6
Enter key element :
3
enter towards left of 3=23
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
5
Contents of the list are:
2
23
3
4
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
1
Enter the item at front end:
23
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
7
Enter the key element to be deleted:
23
All the duplicate elements are removed
1.dinsert_front
2.dinsert_rear
3.ddelete_front
4.ddelete_rear
5.ddisplay
6.dinsert_leftpos
7.ddelete_allkeyitem
8.exit
5
Contents of the list are:
2

```




7.ddelete_allkeyitem

8.exit

5

Contents of the list are:

2

23

3

4

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit

1

Enter the item at front end:

23

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit

7

Enter the key element to be deleted:

23

All the duplicate elements are removed

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit

5

Contents of the list are:

2

3

4

1.dinsert_front

2.dinsert_rear

3.ddelete_front

4.ddelete_rear

5.ddisplay

6.dinsert_leftpos

7.ddelete_allkeyitem

8.exit