

```
3:Delete front
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
```

```
Enter the choice : 8
Contents of the list :
84 12 45 12 56
```

```
1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
```

```
Enter the choice : 7
Enter the key item : 12
Key found at 2 positions and are deleted.
```

```
1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
```

```
Enter the choice : 8
Contents of the list :
84 45 56
```

```
1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
```

```
Enter the choice : 9
```

```
Process returned 0 (0x0) execution time : 172.064 s
Press any key to continue.
```

```
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 8
Contents of the list :
34 12 56

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 5
Enter the key item : 12
Enter towards left of 12 = 45

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 8
Contents of the list :
34 45 12 56

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
5:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 6
Enter the key item : 34
Enter towards right of 34 = 12
```

1:Insert front
2:Insert rear
3>Delete front
4>Delete rear
5:Insert left position
6:Insert right position
7>Delete all key elements
8:Display
9:Exit
Enter the choice : 2
Enter the item to be inserted at rear end : 93

1:Insert front
2:Insert rear
3>Delete front
4>Delete rear
5:Insert left position
6:Insert right position
7>Delete all key elements
8:Display
9:Exit
Enter the choice : 8
Contents of the list :
87 34 12 56 93

1:Insert front
2:Insert rear
3>Delete front
4>Delete rear
5:Insert left position
6:Insert right position
7>Delete all key elements
8:Display
9:Exit
Enter the choice : 3
Node deleted is 87

1:Insert front
2:Insert rear
3>Delete front
4>Delete rear
5:Insert left position
6:Insert right position
7>Delete all key elements
8:Display
9:Exit
Enter the choice : 4
Node deleted is 93

1:Insert front
2:Insert rear

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
6:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 1
Enter the item to be inserted at front end : 12

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
6:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 1
Enter the item to be inserted at front end : 34

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
6:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 2
Enter the item to be inserted at rear end : 56

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Insert left position
6:Insert right position
7:Delete all key elements
8:Display
9:Exit
Enter the choice : 1
Enter the item to be inserted at front end : 87