

```
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 :  
34 12 45 12 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 : 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  
6:Insert right position  
7:Delete all key elements  
8:Display  
9:Exit  
Enter the choice : 8  
Contents of the list :  
34 45 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 : 9
```

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

```
4:Delete rear  
5:Insert left position  
6:Insert right position  
7>Delete all key elements  
3: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  
6:Insert right position  
7>Delete all key elements  
3: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  
6:Insert right position  
7>Delete all key elements  
3: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  
6:Insert right position  
7>Delete all key elements  
3: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
```