

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :1
Enter the Item to insert at Front end :10
```

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :2
Enter the Item to insert at Rear end :15
```

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :1
Enter the Item to insert at Front end :10
```

input

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :3
Enter the Key Item :10
Enter Item towards Left of 10 :15
```

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :4
Enter the Key Item :15
Enter Item towards Right of 15 :10
```

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :8
```

Enter Choice :8

Contents of List:

15 10 10 15 10

- 1.Insert Front
- 2.Insert Rear
- 3.Insert Left of Node
- 4.Insert Right of Node
- 5.Delete Front
- 6.Delete Rear
- 7.Delete Duplicates
- 8.Display
- 9.Search

Enter Choice :7

Enter the Key Item to be Deleted:15

Key found in 2 Position(s) are Deleted

- 1.Insert Front
- 2.Insert Rear
- 3.Insert Left of Node
- 4.Insert Right of Node
- 5.Delete Front
- 6.Delete Rear
- 7.Delete Duplicates
- 8.Display
- 9.Search

Enter Choice :8

Contents of List:

10 10 10

- 1.Insert Front
- 2.Insert Rear
- 3.Insert Left of Node
- 4.Insert Right of Node
- 5.Delete Front
- 6.Delete Rear

input

```
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :9
Enter the key element to be searched:
10
Key element found at the position 1
```

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :9
Enter the key element to be searched:
15
Search unsuccessfull
```

```
1.Insert Front
2.Insert Rear
3.Insert Left of Node
4.Insert Right of Node
5.Delete Front
6.Delete Rear
7.Delete Duplicates
8.Display
9.Search
Enter Choice :█
```

