

```
1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
1
Enter the item
1

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
1
Enter the item
2

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
1
Enter the item
3

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
5
1      2      3

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
```

```
Enter your choice
2
Enter the element before which the data has to be inserted: 2
Enter the element which has to be inserted: 22

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
5
1      22      2      3

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
3
Enter the element after which the data has to be inserted: 2
Enter the element which has to be inserted: 33

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
5
1      22      2      33      3

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
4
Enter the element to be deleted
33

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
```

3. Insert to the right of an element
4. Delete
5. Display
6. Exit

Enter your choice

5

1 22 2 3

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit

Enter your choice

4

Enter the element to be deleted

1

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit

Enter your choice

4

Enter the element to be deleted

22

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit

Enter your choice

4

Enter the element to be deleted

33

Element not found in the list

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit

Enter your choice

4

```
6. Exit
Enter your choice
4
Enter the element to be deleted
3

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
4
Enter the element to be deleted
2

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
4
Empty List. Can't delete

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
5
Nothing to display

1. Create
2. Insert to the left of an element
3. Insert to the right of an element
4. Delete
5. Display
6. Exit
Enter your choice
6

-----
(program exited with code: 0)
```