

```
► clang-7 -pthread -lm -o main main.c
► ./main
```

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

4

Empty List

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

1

Enter the item

10

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

1

1

Enter the item

20

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

1

Enter the item

30

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

5

30 20 10

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

6. Exit

Enter your choice:

2

Enter the item:

40

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice:

5

30 20 10 40

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice:

3

Enter the element in the list:

20

Enter the new node data:

50

1. Insert at the beg
2. Insert at the end
3. Insert after a given node

- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

5

30 20 50 10 40

- 1. Insert at the beg
- 2. Insert at the end
- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

4

Enter the element to be deleted

50

- 1. Insert at the beg
- 2. Insert at the end
- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

5

30 20 10 40

- 1. Insert at the beg
- 2. Insert at the end
- 3. Insert after a given node

6. Exit

Enter your choice

5

30 20 10 40

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

4

Enter the element to be deleted

30

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display
6. Exit

Enter your choice

4

Enter the element to be deleted

10

1. Insert at the beg
2. Insert at the end
3. Insert after a given node
4. Delete
5. Display

- 2. Insert at the end
- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

4

Enter the element to be deleted

20

- 1. Insert at the beg
- 2. Insert at the end
- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

4

Enter the element to be deleted

40

- 1. Insert at the beg
- 2. Insert at the end
- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

5

- 1. Insert at the beg

- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

4

Empty List

- 1. Insert at the beg
- 2. Insert at the end
- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

1

Enter the item

30

- 1. Insert at the beg
- 2. Insert at the end
- 3. Insert after a given node
- 4. Delete
- 5. Display
- 6. Exit

Enter your choice

4

Enter the element to be deleted

80

Element is not in the list

exited, segmentation fault

* ||