

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 1

Enter data: 23

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 3

23 → NULL

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 2

Enter data: 43

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 3

23 → 43 → NULL

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 2

Enter data: 35

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 2

Enter data: 46

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 3

23 → 43 → 35 → 46 → NULL

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 4

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 3

43 → 35 → 46 → NULL

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 5

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 3

43 → 35 → NULL

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 5

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 3

43 → NULL

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 6

Enter the position: 3

Position out of range

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 6

Enter the position: 0

Menu:

1. Insert at beginning
2. Insert at end
3. Display list
4. Delete first
5. Delete last
6. Delete at position
7. Exit

Enter your choice: 3

NULL