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Doubly Linked List Operations
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 1

1. Insertion at begin.
2. Insertion at end.
3. Insertion at position.

Choose type of insertion - 1

Enter the value : 1

The head data is : 0
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 1

1. Insertion at begin.
2. Insertion at end.
3. Insertion at position.

Choose type of insertion - 1
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Choose type of insertion - 1

Enter the value : 2

The head data is : 0
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 1

1. Insertion at begin.
2. Insertion at end.
3. Insertion at position.

Choose type of insertion - 2

Enter the value : 4

The head data is : 0
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 1

1. Insertion at begin.
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2. Insertion at end.
3. Insertion at position.

Choose type of insertion - 2

Enter the value : 7

The head data is : 0
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 1

1. Insertion at begin.
2. Insertion at end.
3. Insertion at position.

Choose type of insertion - 3


The list is : 2 <==> (2)1 <==> (1)4 <==> (4)7 <==>

Enter the data : 4

Enter the value : 10
1. Insertion
2. Deletion
3. Display
```

```
4. Exit

Enter the option number to perform operation : 3


The list is : 2 <==> (2)1 <==> (1)10 <==> (10)4 <==> (4)7 <==>
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 2

1. Deletion at begin.
2. Deletion at end.
3. Deletion at position.

Choose type of deletion - 1
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 2

1. Deletion at begin.
2. Deletion at end.
3. Deletion at position.

Choose type of deletion - 2
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3. Deletion at position.

Choose type of deletion - 2
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 2

1. Deletion at begin.
2. Deletion at end.
3. Deletion at position.

Choose type of deletion - 3


The list is : 1 <==> (1)10 <==> (10)4 <==>

Enter the data : 10
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 3


The list is : 1 <==> (1)4 <==>
1. Insertion
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Enter the option number to perform operation : 3


The list is : 1 <==> (1)4 <==>
1. Insertion
2. Deletion
3. Display
4. Exit

Enter the option number to perform operation : 4

Process returned 0 (0x0)   execution time : 80.617 s
Press any key to continue.
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