```
*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 1
Enter -1 to exit

Enter the data: 2
Enter the data: 4
Enter the data: 6
Enter the data: 8
Enter the data: 10
Enter the data: -1

Linked list created successfully

*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 5

Linked list reversed
```

```
*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 6

Elements in the linked list
        10      8       6       4       2

*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 3

Linked list sorted

*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 2
```

```
Linked list 1:
Enter -1 to exit

Enter the data: 18
Enter the data: 78
Enter the data: 64
Enter the data: -1

Linked list 2:
Enter -1 to exit

Enter the data: 24
Enter the data: 84
Enter the data: -1

Linked lists created successfully

*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 7

Elements in the linked list after concatenation:

*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit
```

```
Enter an option to perform the following operations: 4

Linked lists concatenated successfully

*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 7

Elements in the linked list after concatenation:
        18      78      64      24      84

*****MAIN MENU*****

1.Create a linked list
2.Create two linked lists for concatenation
3.Sort
4.Concatenate
5.Reverse
6.Display linked list
7.Display Concatenated linked list
8.Exit

Enter an option to perform the following operations: 8

c:\Users\Hp\Desktop\SEM 3\CODE\DATA STRUCTURES>
```