

```
Press 1 to Insert-front and 2 to Insert-rear : 1  
Enter the item at front-end : 60
```

```
Press 1 to Insert-front and 2 to Insert-rear : 1  
Enter the item at front-end : 70
```

```
Press 1 to Insert-front and 2 to Insert-rear : 2  
Enter the item at rear-end : 80
```

```
Press 1 to Insert-front and 2 to Insert-rear : 1  
Enter the item at front-end : 90
```

The two lists are concatenated.

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 6  
List contents are :  
50  
40  
37  
30  
20  
15  
10  
90  
70  
60  
80
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 7
```

```
Process returned 0 (0x0) execution time : 170.987 s  
Press any key to continue.
```

```
Choose an option
1:Insert_front
2:Delete_front
3:Reverse
4:Sort
5.Concatenate
6:Display
7:Exit
Enter the choice : 4
Press 1 for Ascending-sort and 2 for Descending-sort : 2
List is sorted in descending order.
```

```
Choose an option
1:Insert_front
2:Delete_front
3:Reverse
4:Sort
5.Concatenate
6:Display
7:Exit
Enter the choice : 6
List contents are :
50
40
37
30
20
15
10
```

```
Choose an option
1:Insert_front
2:Delete_front
3:Reverse
4:Sort
5.Concatenate
6:Display
7:Exit
Enter the choice : 5
Create a second list
Enter the number of elements in the second list : 4
```

```
Press 1 to Insert-front and 2 to Insert-rear : 1
Enter the item at front-end : 60
```

```
Press 1 to Insert-front and 2 to Insert-rear : 1
Enter the item at front-end : 70
```

```
Press 1 to Insert-front and 2 to Insert-rear : 2
Enter the item at rear-end : 80
```

```
Enter the item at front-end : 15  
15 inserted at front-end.
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit
```

```
Enter the choice : 1  
Enter the item at front-end : 37  
37 inserted at front-end.
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 4  
Press 1 for Ascending-sort and 2 for Descending-sort : 1  
List is sorted in ascending order.
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 6  
List contents are :  
10  
15  
20  
30  
37  
40  
50
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort
```

```
4:Sort  
5:Concatenate  
6:Display  
7:Exit  
Enter the choice : 6  
List contents are :  
50  
40  
30  
20  
10
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5:Concatenate  
6:Display  
7:Exit  
Enter the choice : 3  
List is reversed.
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5:Concatenate  
6:Display  
7:Exit  
Enter the choice : 6  
List contents are :  
10  
20  
30  
40  
50
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5:Concatenate  
6:Display  
7:Exit  
Enter the choice : 1  
Enter the item at front-end : 15  
15 inserted at front-end.
```

```
Choose an option
1:Insert_front
2:Delete_front
3:Reverse
4:Sort
5.Concatenate
6:Display
7:Exit
Enter the choice : 1
Enter the item at front-end : 10
10 inserted at front-end.
```

```
Choose an option
1:Insert_front
2:Delete_front
3:Reverse
4:Sort
5.Concatenate
6:Display
7:Exit
Enter the choice : 1
Enter the item at front-end : 20
20 inserted at front-end.
```

```
Choose an option
1:Insert_front
2:Delete_front
3:Reverse
4:Sort
5.Concatenate
6:Display
7:Exit
Enter the choice : 1
Enter the item at front-end : 30
30 inserted at front-end.
```

```
Choose an option
1:Insert_front
2:Delete_front
3:Reverse
4:Sort
5.Concatenate
6:Display
7:Exit
Enter the choice : 1
Enter the item at front-end : 40
40 inserted at front-end.
```

```
7:Exit  
Enter the choice : 1  
Enter the item at front-end : 40  
40 inserted at front-end.
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 1  
Enter the item at front-end : 50  
50 inserted at front-end.
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 1  
Enter the item at front-end : 60  
60 inserted at front-end.
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 2  
Item deleted at front end is 60
```

```
Choose an option  
1:Insert_front  
2:Delete_front  
3:Reverse  
4:Sort  
5.Concatenate  
6:Display  
7:Exit  
Enter the choice : 6
```