LAB 8 OUTPUT

```
Linked list program containing sort, reverse, and concatenate
functions.
Enter the choice
1.Stack
2.Queue
3: Linked list 1
4: Linked list 2
5: Exit
3
3: Insert
4: Sort
5: Reverse
6: Concatenate with list 1
7: Display list
8: Go back to main menu
9: Exit
3
Enter item to be inserted:  1
3: Insert
4: Sort
5: Reverse
6: Concatenate with list 1
7: Display list
8: Go back to main menu
9: Exit
3
Enter item to be inserted:  4
3: Insert
4: Sort
5: Reverse
6: Concatenate with list 1
7: Display list
8: Go back to main menu
9: Exit
```

```
7: Display list
8: Go back to main menu
9: Exit
3
Enter item to be inserted:  2
3: Insert
4: Sort
5: Reverse
6: Concatenate with list 1
7: Display list
8: Go back to main menu
9: Exit
7
2->4->1
3: Insert
4: Sort
5: Reverse
6: Concatenate with list 1
7: Display list
8: Go back to main menu
9: Exit
4
3: Insert
4: Sort
5: Reverse
6: Concatenate with list 1
7: Display list
8: Go back to main menu
9: Exit
7
1->2->4
3: Insert
4: Sort
5: Reverse
6: Concatenate with list 1
7: Display list
```

```
6: Concatenate with list 1
7: Display list
8: Go back to main menu
9: Exit
8
Enter the choice
1.Stack
2.Queue
3: Linked list 1
4: Linked list 2
5: Exit
1

1. Push
2. Display
3. Pop

Enter your choice : 1
Enter the element
1

1. Push
2. Display
3. Pop

Enter your choice : 1
Enter the element
2

1. Push
2. Display
3. Pop

Enter your choice : 2
2
1
```

```
1.Stack
2.Queue
3: Linked list 1
4: Linked list 2
5: Exit
1

1. Push
2. Display
3. Pop

Enter your choice : 1
Enter the element
1

1. Push
2. Display
3. Pop

Enter your choice : 1
Enter the element
2

1. Push
2. Display
3. Pop

Enter your choice : 2
2
1

1. Push
2. Display
3. Pop

Enter your choice :
```