

Q. WAP to create the LinkedList and store the 10 values in it and find the max value from LinkedList without using Collections.max () method

Example

```
LinkedList lst = new LinkedList ();  
lst.add (100);  
lst.add (200);  
lst.add (50);  
lst.add (30);  
lst.add (24);  
lst.add (56);
```

Output: Maximum value is 200

Q. WAP to create the LinkedList and store the 10 values in it and sort the LinkedList values in Ascending order without using Collections.sort() method and write your own logic for sorting

```
LinkedList lst = new LinkedList();  
lst.add (100);  
lst.add (200);  
lst.add (50);  
lst.add (30);  
lst.add (24);  
lst.add (56);
```

Output:

Before Sorting

```
100  
200  
50  
30  
24  
56
```

After Sorting

24
30
50
56
100
200

Q. WAP to Create the LinkedList and with a Student Details with a following details

name id and per and store the 10 student details in LinkedList and find the topper students from collection

Note: In this program we have to Create the POJO class name as Student with id, name and per and store its object in LinkedList.

Q. WAP to Create the LinkedList and perform the following Operation On It ?

Case 1. Add New Element in LinkedList at beginning

Case 2. Add New Element At the end of LinkedList.

Case 3: Search The Value from LinkedList

Case 4: Delete the element from LinkedList

Case 5: Display the Total size of LinkedList

Case 6: Check LinkedList is empty or not if empty then display message LinkedList empty otherwise show message LinkedList is not empty

Case 7: Travel the LinkedList in forward as well as in backward direction

