**Java – Remove first and last element from LinkedList example**

[**JAVA COLLECTIONS**](http://beginnersbook.com/category/java-collections/)

In this tutorial we will learn **how to remove First and Last elements from LinkedList**. In the few last posts we shared following tutorials:

1) [**Removing elements from a specific index**](http://beginnersbook.com/2014/07/java-remove-element-from-a-specific-index-in-linkedlist-example/)  
2) [**Removing specific element from LinkedList**](http://beginnersbook.com/2014/07/java-remove-specific-elements-from-linkedlist-example/)

**Example**

We have used [**removeFirst() method**](http://docs.oracle.com/javase/7/docs/api/java/util/LinkedList.html#removeFirst()) to remove first and [**removeLast() method**](http://docs.oracle.com/javase/7/docs/api/java/util/LinkedList.html#removeLast()) to remove last element from LinkedList. Method definition and description are as follows:

1) public E removeFirst(): Removes and returns the first element from this list.  
2) public E removeLast(): Removes and returns the last element from this list.

**Complete Code:**

import java.util.LinkedList;

public class RemoveExample {

public static void main(String[] args) {

// Create a LinkedList

LinkedList<String> linkedlist = new LinkedList<String>();

// Add elements to LinkedList

linkedlist.add("Item1");

linkedlist.add("Item2");

linkedlist.add("Item3");

linkedlist.add("Item4");

linkedlist.add("Item5");

// Displaying Elements before remove

System.out.println("LinkedList Elements are:");

for(String str: linkedlist){

System.out.println(str);

}

// Removing First element

Object firstElement = linkedlist.removeFirst();

System.out.println("\nElement removed: "+ firstElement);

// Removing last Element

Object lastElement = linkedlist.removeLast();

System.out.println("Element removed: "+ lastElement);

// LinkedList elements after remove

System.out.println("\nList Elements after Remove:");

for(String str2: linkedlist){

System.out.println(str2);

}

}

}

Output:

LinkedList Elements are:

Item1

Item2

Item3

Item4

Item5

Element removed: Item1

Element removed: Item5

List Elements after Remove:

Item2

Item3

Item4