**Java – Get first and last elements from LinkedList example**

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

In this tutorial we will see an example on how to get first and last element from LinkedList.

**Example**

Here we have a LinkedList of String type and we are getting first and last element from it using [**getFirst()**](http://docs.oracle.com/javase/7/docs/api/java/util/LinkedList.html#getFirst()) and [**getLast()**](http://docs.oracle.com/javase/7/docs/api/java/util/LinkedList.html#getLast()) methods of LinkedList class. Method definition and description are as follows:  
1) public E getFirst(): Returns the first element in this list.  
2) public E getLast(): Returns the last element in this list.

import java.util.LinkedList;

public class GetFirstAndLast {

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");

linkedlist.add("Item6");

// Getting First element of the List

Object firstElement = linkedlist.getFirst();

System.out.println("First Element is: "+firstElement);

// Getting Last element of the List

Object lastElement = linkedlist.getLast();

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

}

}

**Output:**

First Element is: Item1

Last Element is: Item6