**Java – Search elements in LinkedList example**

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

In this tutorial we will learn how to search elements in [**LinkedList**](http://beginnersbook.com/2013/12/linkedlist-in-java-with-example/). We will be using following two methods for searching elements.

public int indexOf(Object o): Returns the index of the first occurrence of the specified element in this list, or -1 if this list does not contain the element.

public int lastIndexOf(Object o): Returns the index of the last occurrence of the specified element in this list, or -1 if this list does not contain the element.

**Example**

Here we are having a LinkedList of String elements and we are searching a string using indexOf() and lastIndexOf() methods of LinkedList class.

import java.util.LinkedList;

public class SearchInLinkedList {

public static void main(String[] args) {

// Step1: Create a LinkedList

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

// Step2: Add elements to LinkedList

linkedlist.add("Tim");

linkedlist.add("Rock");

linkedlist.add("Hulk");

linkedlist.add("Rock");

linkedlist.add("James");

linkedlist.add("Rock");

//Searching first occurrence of element

int firstIndex = linkedlist.indexOf("Rock");

System.out.println("First Occurrence: " + firstIndex);

//Searching last occurrence of element

int lastIndex = linkedlist.lastIndexOf("Rock");

System.out.println("Last Occurrence: " + lastIndex);

}

}

**Output:**

First Occurrence: 1

Last Occurrence: 5