**Append all the elements of a List to LinkedList – Java**

[**JAVA.UTIL PACKAGE**](http://beginnersbook.com/category/java-util-package/)

**Description**

Program to add all the elements of a List to the LinkedList using addAll() method of LinkedList class.

**Example**

import java.util.ArrayList;

import java.util.LinkedList;

import java.util.List;

class LinkedListAddAll {

public static void main(String[] args) {

// create a LinkedList

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

// Add elements to the LinkedList

list.add("AA");

list.add("BB");

list.add("CC");

list.add("DD");

// Displaying linked list before add

System.out.println("Before: LinkedList: " + list);

// create a new list having few elements

List<String> arrayList = new ArrayList<String>();

arrayList.add("Item1");

arrayList.add("Item2");

arrayList.add("Item3");

// Append the list elements to LinkedList

list.addAll(arrayList);

// Displaying the LinkedList after addAll

System.out.println("After: LinkedList: " + list);

}

}

Output:

Before: LinkedList: [AA, BB, CC, DD]

After: LinkedList: [AA, BB, CC, DD, Item1, Item2, Item3]

**addAll() method:**

public boolean addAll(Collection<? extends E> c): Appends all of the elements in the specified collection to the end of this list, in the order that they are returned by the specified collection’s iterator. [**Source: addAll() method – Javadoc**](http://docs.oracle.com/javase/7/docs/api/java/util/LinkedList.html#addAll(java.util.Collection)).