**How to copy and add all list elements to ArrayList in Java**

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

In this tutorial we will see how to copy and add all the elements of a list to ArrayList. In order to do that we will be using [**addAll method**](http://docs.oracle.com/javase/7/docs/api/java/util/ArrayList.html#addAll(java.util.Collection)) of ArrayList class.

public boolean addAll(Collection c)

It adds all the elements of specified Collection c to the end of the calling list. It throws [**NullPointerException**](http://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html) if the specified Collection is null.

**Complete Example of Copying List elements to ArrayList**

package beginnersbook.com;

import java.util.ArrayList;

import java.util.List;

public class ListToArrayListExample {

public static void main(String a[]){

ArrayList<String> al = new ArrayList<String>();

//Adding elements to the ArrayList

al.add("Text 1");

al.add("Text 2");

al.add("Text 3");

System.out.println("ArrayList Elements are: "+al);

//Adding elements to a List

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

list.add("Text 4");

list.add("Text 5");

list.add("Text 6");

//Adding all lements of list to ArrayList using addAll

al.addAll(list);

System.out.println("Updated ArrayList Elements: "+al);

}

}

Output:

ArrayList Elements are: [Text 1, Text 2, Text 3]

Updated ArrayList Elements: [Text 1, Text 2, Text 3, Text 4, Text 5, Text 6]