**Java ArrayList addAll(int index, Collection c) Method example**

In the last tutorial we have shared the example of **[addAll(Collection c) method](http://beginnersbook.com/2013/12/java-arraylist-addallcollection-c-method-example/" \t "_blank)** which is used for adding all the elements of Collection c at the end of list. Here we will see another variant add(int index, Collection c)which adds all the elements of c at the specified index of a list.

public boolean addAll(int index, Collection c)

**Example**

In this example we have two ArrayList of String type and we are adding the element of second arraylist at the 3rd position(index =2) of first arraylist.

package beginnersbook.com;

import java.util.ArrayList;

public class ExampleOfaddAllMethod {

public static void main(String[] args) {

// ArrayList1

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

al.add("Apple");

al.add("Orange");

al.add("Grapes");

al.add("Mango");

System.out.println("ArrayList1 before addAll:"+al);

//ArrayList2

ArrayList<String> al2 = new ArrayList<String>();

al2.add("Fig");

al2.add("Pear");

al2.add("Banana");

al2.add("Guava");

System.out.println("ArrayList2 content:"+al2);

//Adding ArrayList2 in ArrayList1 at 3rd position(index =2)

al.addAll(2, al2);

System.out.println("ArrayList1 after adding ArrayList2 at 3rd Pos:\n"+al);

}

}

Output:

ArrayList1 before addAll:[Apple, Orange, Grapes, Mango]

ArrayList2 content:[Fig, Pear, Banana, Guava]

ArrayList1 after adding ArrayList2 at 3rd Pos:

[Apple, Orange, Fig, Pear, Banana, Guava, Grapes, Mango]