**Copy all the elements of one Vector to another Vector example**

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

In this example we will see how to copy all the elements of a Vector to another Vector. This process replaces the existing elements of the second vector with the corresponding element of first vector. For e.g. If we are copying vector v1 to vector v2 then first element of v2 will be replaced by first element of v1  and so on.

In the below code we have two vectors va & vb and we are copying all the elements of **va** to **vb** using [**Collections.copy()**](http://docs.oracle.com/javase/7/docs/api/java/util/Collections.html#copy(java.util.List, java.util.List)) method.

**Example:**

import java.util.Collections;

import java.util.Vector;

public class VectorCopyExample {

public static void main(String args[])

{

//First Vector of String type

Vector<String> va = new Vector<String>();

//Adding elements to the first Vector

va.add("AB");

va.add("BC");

va.add("CD");

va.add("DE");

//Second Vector

Vector<String> vb = new Vector<String>();

//Adding elements to the second Vector

vb.add("1st");

vb.add("2nd");

vb.add("3rd");

vb.add("4th");

vb.add("5th");

vb.add("6th");

/\*Displaying the elements of second vector before

performing the copy operation\*/

System.out.println("Vector vb before copy: "+vb);

//Copying all the elements of Vector va to Vector vb

Collections.copy(vb, va);

//Displaying elements after copy

System.out.println("Vector vb after copy: "+vb);

}

}

Output:

Vector vb before copy: [1st, 2nd, 3rd, 4th, 5th, 6th]

Vector vb after copy: [AB, BC, CD, DE, 5th, 6th]