**Vector Enumeration example in Java**

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

In this example, we are iterating a [**Vector**](http://beginnersbook.com/2013/12/vector-in-java/) using [**Enumeration**](http://docs.oracle.com/javase/7/docs/api/java/util/Enumeration.html). The steps are as follows:  
1) Create a Vector object  
2) Add elements to vector using add() method of Vector class.  
3) Call elements() method to get the Enumeration of specified Vector  
4) Use hashMoreElements() and nextElement() Methods of Enumeration to iterate through the Vector.

**Example: Complete code**

import java.util.Vector;

import java.util.Enumeration;

public class VectorEnumerationExample {

public static void main(String[] args) {

// Create a Vector

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

// Add elements into Vector

vector.add("Chaitanya");

vector.add("Shubham");

vector.add("Apoorv");

vector.add("Jin");

vector.add("Jacob");

// Get Enumeration of Vector elements

Enumeration en = vector.elements();

/\* Display Vector elements using hashMoreElements()

\* and nextElement() methods.

\*/

System.out.println("Vector elements are: ");

while(en.hasMoreElements())

System.out.println(en.nextElement());

}

}

**Output:**

Vector elements are:

Chaitanya

Shubham

Apoorv

Jin

Jacob