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// Java program to demonstrate Enumeration

import java.util.Enumeration;

import java.util.Vector;

public class Test

{

    public static void main(String[] args)

    {

        // Create a vector and print its contents

        Vector v = new Vector();

        for (int i = 0; i < 10; i++)

            v.addElement(i);

        System.out.println(v);

        // At beginning e(cursor) will point to

        // index just before the first element in v

        Enumeration e = v.elements();

        // Checking the next element availability

        while (e.hasMoreElements())

        {

            // moving cursor to next element

            int i = (Integer)e.nextElement();

            System.out.print(i + " ");

        }

    }

}