

# JAVA.UTIL.COLLECTIONS.LIST METHOD

[http://www.tutorialspoint.com/java/util/collections\\_list.htm](http://www.tutorialspoint.com/java/util/collections_list.htm)

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## Description

The **listEnumeration**  $\langle T \rangle$  method is used to get an array list containing the elements returned by the specified enumeration in the order they are returned by the enumeration.

## Declaration

Following is the declaration for **java.util.Collections.list** method.

```
public static <T> ArrayList<T> list(Enumeration<T> e)
```

## Parameters

- **e** -- This is the enumeration providing elements for the returned array list.

## Return Value

The method call returns the starting position of the last occurrence of the specified target list within the specified source list, or -1 if there is no such occurrence.

## Exception

- **NA**

## Example

The following example shows the usage of **java.util.Collections.list**

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String args[]) {
        // create vector and array list
        List arrlist = new ArrayList();
        Vector v = new Vector();

        // populate the vector
        v.add("A");
        v.add("B");
        v.add("C");
        v.add("D");
        v.add("E");

        // create enumeration
        Enumeration e = v.elements();

        // get the list
        arrlist = Collections.list(e);

        System.out.println("Value of returned list: "+arrlist);
    }
}
```

Let us compile and run the above program, this will produce the following result.

```
Value of returned list: [A, B, C, D, E]
```

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