

JAVA.UTIL.VECTOR.LASTINDEXOF METHOD

http://www.tutorialspoint.com/java/util/vector_lastindexof_index.htm

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Description

This is another variant of **lastIndexOf** method. It **searches backwards** for the specified object, starting from the specified index, and returns an index to it.

Declaration

Following is the declaration for **java.util.Vector.lastIndexOf** method

```
public int lastIndexOf(Object elem, int index)
```

Parameters

- **elem** -- This is the desired component
- **index** -- This is the index to start searching from.

Return Value

The method call returns the index of the last occurrence of the specified object in this vector at position less than or equal to index in the vector.

Exception

- **IndexOutOfBoundsException** -- This exception is thrown if index is greater than or equal to the current size of this vector.

Example

The following example shows the usage of **java.util.Vector.lastIndexOf** method.

```
package com.tutorialspoint;

import java.util.Vector;

public class VectorDemo {
    public static void main(String[] args) {
        // create an empty Vector vec with an initial capacity of 4
        Vector vec = new Vector(6);

        // use add() method to add elements in the vector
        vec.add(4);
        vec.add(3);
        vec.add(2);
        vec.add(1);
        vec.add(2);
        vec.add(1);

        /**let us print the last index of 1
         * starting search from 4th position
         */
        System.out.println("index is: "+vec.lastIndexOf(1,4));
    }
}
```

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

```
index is :3
```

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