

JAVA.UTIL.VECTOR.INDEXOF METHOD

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

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Description

This is another variant of previous `indexOf` method. The only difference is that the search for the first occurrence of the given argument **starts at the index position mentioned as the second parameter**.

Declaration

Following is the declaration for **`java.util.Vector.indexOf`** method

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

Parameters

- **elem** -- The input parameter is an object
- **index** -- This is the non-negative index to start searching from

Return Value

The method call returns the index of the first occurrence of the object argument in this vector at position `index` or later in the vector.

Exception

- **`IndexOutOfBoundsException`** -- This exception is thrown if the index is negative

Example

The following example shows the usage of `java.util.Vector.indexOf` 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(4);

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

        /** let us get the index of 3
         * starting search from 2nd index
         */
        System.out.println("Index of 3 :"+vec.indexOf(3,2));
    }
}
```

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

```
Index of 3 :3
```

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