

JAVA.UTIL.VECTOR.INDEXOF METHOD

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

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Description

The **indexOfObjectelem** method is used to search the **first occurrence** of the given argument. The equality is tested by using the equals method.

Declaration

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

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

Parameters

- **elem** -- The input parameter is an object

Return Value

The return value is the index of the first occurrence of the argument in this vector. It returns -1 if the object is not found.

Exception

- **NA**

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);

        // let us get the index of 3
        System.out.println("Index of 3 is :"+vec.indexOf(3));
    }
}
```

Let us compile and run the above program, this will produce the following result. Please note the index of first occurrence of 3 is 1 so 1 is printed instead of 3.

```
Index of 3 is :1
```

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