

JAVA.UTIL.ARRAYLIST.INDEXOF METHOD

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

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Description

The **java.util.ArrayList.indexOfObject** method returns the index of the first occurrence of the specified element in this list, or -1 if this list does not contain the element.

Declaration

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

```
public int indexOf(Object o)
```

Parameters

- **o** -- The element to search for.

Return Value

This method returns the index of the first occurrence of the specified element in this list, or -1 if this list does not contain the element.

Exception

- **NA**

Example

The following example shows the usage of java.util.ArrayList.indexOf method.

```
package com.tutorialspoint;

import java.util.ArrayList;

public class ArrayListDemo {
    public static void main(String[] args) {

        // create an empty array list with an initial capacity
        ArrayList<String> arrlist = new ArrayList<String>(5);

        // use add() method to add values in the list
        arrlist.add("G");
        arrlist.add("E");
        arrlist.add("F");
        arrlist.add("M");

        System.out.println("Size of list: " + arrlist.size());

        // let us print all the values available in list
        for (String value : arrlist) {
            System.out.println("Value = " + value);
        }

        // retrieving the index of element "E"
        int retval=arrlist.indexOf("E");
        System.out.println("The element E is at index " + retval);
    }
}
```

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

```
Size of list: 4
```

Value = G

Value = E

Value = F

Value = M

The element F is at index 1

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