

JAVA.UTIL.ARRAYLIST.CONTAINS METHOD

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

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Description

The **java.util.ArrayList.containsObject** method returns true if this list contains the specified element.

Declaration

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

```
public boolean contains(Object o)
```

Parameters

- **o** -- The element whose presence in this list is to be tested.

Return Value

This method returns true if this list contains the specified element.

Exception

- **NA**

Example

The following example shows the usage of java.util.Arraylist.contains 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<Integer> arrlist = new ArrayList<Integer>(8);

        // use add() method to add elements in the list
        arrlist.add(20);
        arrlist.add(25);
        arrlist.add(10);
        arrlist.add(15);

        // let us print all the elements available in list
        for (Integer number : arrlist) {
            System.out.println("Number = " + number);
        }

        // list contains element 10
        boolean retval = arrlist.contains(10);

        if (retval == true) {
            System.out.println("element 10 is contained in the list");
        }
        else {
            System.out.println("element 10 is not contained in the list");
        }

        // list does not contain element 30
        boolean retval2 = arrlist.contains(30);
```

```
if (retval2 == true) {  
    System.out.println("element 30 is contained in the list");  
}  
else {  
    System.out.println("element 30 is not contained in the list");  
}  
}
```

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

```
Number = 20  
Number = 25  
Number = 10  
Number = 15  
element 10 is contained in the list  
element 30 is not contained in the list  
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```