

JAVA.UTIL.ARRAYLIST.SIZE METHOD

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

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Description

The **java.util.ArrayList.size** method returns the number of elements in this list i.e the size of the list.

Declaration

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

```
public int size()
```

Parameters

- NA

Return Value

This method returns the number of elements in this list.

Exception

- NA

Example

The following example shows the usage of java.util.Arraylist.size method.

```
package com.tutorialspoint;

import java.util.ArrayList;

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

        // create an empty arraylist with an initial capacity
        ArrayList<Integer> arrlist = new ArrayList<Integer>(5);

        // use add() method to add elements in the list
        arrlist.add(15);
        arrlist.add(20);
        arrlist.add(25);
        arrlist.add(22);

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

        // this will print the size of this list
        int retval = arrlist.size();
        System.out.println("Size of list = " + retval);
    }
}
```

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

```
Number = 15
Number = 20
Number = 25
Number = 22
```

Size of list = 4

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