

JAVA.UTIL.ARRAYLIST.CLEAR METHOD

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

Copyright © tutorialspoint.com

Description

The **java.util.ArrayList.clear** method removes all of the elements from this list. The list will be empty after this call returns.

Declaration

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

```
public void clear()
```

Parameters

- NA

Return Value

This method does not return any value.

Exception

- NA

Example

The following example shows the usage of java.util.Arraylist.clear 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>(5);

        // use add() method to add elements in the list
        arrlist.add(20);
        arrlist.add(30);
        arrlist.add(10);
        arrlist.add(50);

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

        // finding size of this list
        int retval = arrlist.size();
        System.out.println("List consists of "+ retval + " elements");

        System.out.println("Performing clear operation !!");
        arrlist.clear();
        retval = arrlist.size();
        System.out.println("Now, list consists of "+ retval + " elements");
    }
}
```

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

```
Number = 20  
Number = 30  
Number = 10  
Number = 50  
List consists of 4 elements  
Performing clear operation !!  
Now, list consists of 0 elements
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js