**Java ArrayList trimToSize() Method example**

[**JAVA COLLECTIONS**](http://beginnersbook.com/category/java-collections/)

trimToSize() method is used for memory optimization. It trims the capacity of ArrayList to the current list size. For e.g. An arraylist is having capacity of 15 but there are only 5 elements in it, calling trimToSize() method on this ArrayList would change the capacity from 15 to 5.

public void trimToSize()

**Example**

Here I have defined the ArrayList of capacity 50. After adding 10 elements I called trimToSize() method which would have reduced the capacity from 50 to 10 (current size of arraylist).

package beginnersbook.com;

import java.util.ArrayList;

public class TrimExample {

public static void main(String args[]) {

ArrayList<Integer> arraylist = new ArrayList<Integer>(50);

arraylist.add(1);

arraylist.add(2);

arraylist.add(3);

arraylist.add(4);

arraylist.add(5);

arraylist.add(6);

arraylist.add(7);

arraylist.add(1);

arraylist.add(1);

arraylist.add(1);

arraylist.trimToSize();

System.out.println(arraylist);

}

}

Output:

[1, 2, 3, 4, 5, 6, 7, 1, 1, 1]