

JAVA.UTIL.COLLECTIONS.REVERSE METHOD

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

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Description

The **reverseList** < ? > method is used to reverse the order of the elements in the specified list.

Declaration

Following is the declaration for **java.util.Collections.reverse** method.

```
public static void reverse(List<?> list)
```

Parameters

- **list** -- This is the list whose elements are to be reversed.

Return Value

- NA

Exception

- **UnsupportedOperationException** -- This is if the specified list or its list-iterator does not support the set operation.

Example

The following example shows the usage of **java.util.Collections.reverse**

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] args) {
        // create array list object
        ArrayList arrlst = new ArrayList();

        // populate the list
        arrlst.add("A");
        arrlst.add("B");
        arrlst.add("C");
        arrlst.add("D");
        arrlst.add("E");

        System.out.println("The initial list is :"+arrlst);

        // reverse the list
        Collections.reverse(arrlst);

        System.out.println("The Reverse List is :"+arrlst);
    }
}
```

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

```
The initial list is :[A, B, C, D, E]
The Reverse list is :[E, D, C, B, A]
```

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