

JAVA.UTIL.COLLECTIONS.UNMODIFIABLELIST METHOD

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

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Description

The **unmodifiableList** method is used to return an unmodifiable view of the specified list.

Declaration

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

```
public static <T> List<T> unmodifiableList(List<? extends T> list)
```

Parameters

- **list** -- This is the list for which an unmodifiable view is to be returned.

Return Value

- The method call returns an unmodifiable view of the specified list.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] args) {
        // create array list
        List<Character> list = new ArrayList<Character>();

        // populate the list
        list.add('X');
        list.add('Y');

        System.out.println("Initial list: " + list);

        // make the list unmodifiable
        List<Character> immutablelist = Collections.unmodifiableList(list);

        // try to modify the list
        immutablelist.add('Z');
    }
}
```

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

```
Initial list: [X, Y]
Exception in thread "main" java.lang.UnsupportedOperationException
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```