

JAVA.UTIL.COLLECTIONS.UNMODIFIABLESORTEDMAP METHOD

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

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Description

The **unmodifiableSortedMap** method is used to return an unmodifiable view of the specified sorted map.

Declaration

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

```
public static <K,V> SortedMap <K,V> unmodifiableSortedMap(SortedMap <K,? extends V> m)
```

Parameters

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

Return Value

The method call returns an unmodifiable view of the specified sorted map.

Exception

- **NA**

Example

The following example shows the usage of `java.util.Collections.unmodifiableSortedMap`

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] s) {
        // create sorted map
        SortedMap<String,String> map = new TreeMap<String, String>();

        // populate the set
        map.put("1","New");
        map.put("2","to");
        map.put("3","TP");

        System.out.println("Initial sorted map value: "+map);

        // create unmodifiable sorted map
        Map unmodsortmap = Collections.unmodifiableSortedMap(map);

        // try to modify the sorted map
        unmodsortmap.put("4","Modify");
    }
}
```

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

```
Initial sorted map value: {1=New, 2=to, 3=TP}
Exception in thread "main" java.lang.UnsupportedOperationException
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```