

JAVA.UTIL.COLLECTIONS.UNMODIFIABLEMAP METHOD

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

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Description

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

Declaration

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

```
public static <K,V> Map<K,V> unmodifiableMap(Map<? extends 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 map.

Exception

- **NA**

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] s) {
        //object hash table
        Hashtable<String,String> table = new Hashtable<String,String>();

        // populate the table
        table.put("key1", "value1");
        table.put("key2", "value2");
        table.put("key3", "value3");

        System.out.println("Initial collection: "+table);

        // create unmodifiable map
        Map m = Collections.unmodifiableMap(table);

        // try to modify the collection
        m.put("key3", "value3");
    }
}
```

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

```
Initial collection: {key3=value3, key2=value2, key1=value1}
Exception in thread "main" java.lang.UnsupportedOperationException
```

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