

# JAVA.UTIL.COLLECTIONS.UNMODIFIABLESET METHOD

[http://www.tutorialspoint.com/java/util/collections\\_unmodifiableset.htm](http://www.tutorialspoint.com/java/util/collections_unmodifiableset.htm)

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## Description

The **unmodifiableSet** method Returns an unmodifiable view of the specified set.

## Declaration

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

```
public static <T> boolean addAll(Collection<? super T> c, T.. a)
```

## Parameters

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

## Return Value

The method call returns an unmodifiable view of the specified set.

## Exception

- **NA**

## Example

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

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] s) {
        // create set
        Set<String> set = new HashSet<String>();

        // populate the set
        set.add("Welcome");
        set.add("to");
        set.add("TP");

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

        // create unmodifiable set
        Set unmodset = Collections.unmodifiableSet(set);

        // try to modify the set
        unmodset.add("Hello");
    }
}
```

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

```
Initial set value: [to, Welcome, TP]
Exception in thread "main" java.lang.UnsupportedOperationException
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```