

JAVA.UTIL.TREESET.ADD METHOD

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

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Description

The **addObject** method is used to add the specified element to this set if it is not already present.

Declaration

Following is the declaration for **java.util.TreeSet.add** method.

```
public boolean add(Object o)
```

Parameters

- **o** -- This is the element to be added to this set.

Return Value

The method call returns true if the set did not already contain the specified element.

Exception

- **ClassCastException** -- It throws the exception if the specified object cannot be compared with the elements currently in the set.

Example

The following example shows the usage of java.util.TreeSet.add method.

```
package com.tutorialspoint;

import java.util.Iterator;
import java.util.TreeSet;

public class TreeSetDemo {
    public static void main(String[] args) {
        // creating a TreeSet
        TreeSet <Integer>treeadd = new TreeSet<Integer>();

        // adding in the tree set
        treeadd.add(12);
        treeadd.add(13);
        treeadd.add(14);
        treeadd.add(15);

        // create an iterator
        Iterator iterator;
        iterator = treeadd.iterator();

        // displaying the Tree set data
        System.out.print("Tree set data: ");
        while (iterator.hasNext()){
            System.out.print(iterator.next() + " ");
        }
    }
}
```

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

```
Tree set data: 12 13 14 15
```

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