

JAVA.UTIL.TREESET.CLONE METHOD

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

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Description

The **clone** method is used to return a shallow copy of this TreeSet instance.

Declaration

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

```
public Object clone()
```

Parameters

- NA

Return Value

The method call returns a shallow copy of this set.

Exception

- NA

Example

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

```
package com.tutorialspoint;

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

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

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

        // cloning tree into clinetree
        clonetree = (TreeSet)tree.clone();

        // creating iterator
        Iterator iterator;
        iterator = clonetree.iterator();

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

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

```
Tree set data:
```

12
13
14

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