

JAVA.UTIL.TREESET.CLEAR METHOD

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

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Description

The **clear** method is used to remove all of the elements from this set.

Declaration

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

```
public void clear()
```

Parameters

- NA

Return Value

- NA

Exception

- NA

Example

The following example shows the usage of java.util.TreeSet.clear 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.println("Tree set data: ");
        while (iterator.hasNext()){
            System.out.println(iterator.next() + " ");
        }

        // clearing the set
        System.out.println("Clearing tree");
        treeadd.clear();
        System.out.println("Size of the tree: "+treeadd.size());
    }
}
```

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

```
Tree set data:  
12  
13  
14  
15  
Clearing tree  
Size of the tree: 0
```

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