

JAVA.UTIL.TREESET.ITERATOR METHOD

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

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Description

The **iterator** method is used to return an iterator over the elements in this set in ascending order.

Declaration

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

```
public Iterator<E> iterator()
```

Parameters

- NA

Return Value

The method call returns an iterator over the elements in this set in ascending order.

Exception

- NA

Example

The following example shows the usage of java.util.TreeSet.iterator 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(1);
        treeadd.add(13);
        treeadd.add(17);
        treeadd.add(2);

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

        // displaying the Tree set data
        System.out.println("Tree set data in ascending order: ");
        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 in ascending order:
1
2
13
```

