

JAVA.UTIL.TREEMAP.COMPARATOR METHOD

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

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Description

The **comparator** method is used to return the comparator used to order the keys in this map, or null if this map uses the natural ordering of its keys.

Declaration

Following is the declaration for **java.util.TreeMap.comparator** method.

```
public Comparator<? super K> comparator()
```

Parameters

- NA

Return Value

The method call returns the comparator used to order the keys in this map, or null if this map uses the natural ordering of its keys.

Exception

- NA

Example

The following example shows the usage of java.util.TreeMap.comparator method.

```
package com.tutorialspoint;

import java.util.*;

public class TreeMapDemo {
    public static void main(String[] args) {
        // creating tree map
        NavigableMap<Integer, String> treemap = new TreeMap<Integer, String>();

        // populating tree map
        treemap.put(2, "two");
        treemap.put(1, "one");
        treemap.put(3, "three");
        treemap.put(6, "six");
        treemap.put(5, "five");

        // using comparator
        Comparator comp = treemap.comparator();

        System.out.println("Following natural ordering");
        System.out.println("Comparator value: "+ comp);
    }
}
```

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

```
Following natural ordering
Comparator value: null
```

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