

# JAVA.UTIL.TREEMAP.FIRSTKEY METHOD

[http://www.tutorialspoint.com/java/util/treemap\\_firstkey.htm](http://www.tutorialspoint.com/java/util/treemap_firstkey.htm)

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## Description

The **firstKey** method is used to return the first *lowest* key currently in this map.

## Declaration

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

```
public K firstKey()
```

## Parameters

- NA

## Return Value

The method call returns the first *lowest* key currently in this map.

## Exception

- **NoSuchElementException** -- This exception is thrown if this map is empty.

## Example

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

```
package com.tutorialspoint;

import java.util.*;

public class TreeMapDemo {
    public static void main(String[] args) {
        // creating tree map
        TreeMap<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");

        System.out.println("Checking first key");
        System.out.println("First key is: "+ treemap.firstKey());
    }
}
```

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

```
Checking first key
First key is: 1
```

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