

JAVA.UTIL.TREESET.FIRST METHOD

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

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Description

The **first** method is used to return the first *lowest* element currently in this set.

Declaration

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

```
public E first()
```

Parameters

- NA

Return Value

The method call returns the first *lowest* element currently in this set.

Exception

- **NoSuchElementException** -- This exception is thrown if the set is empty.

Example

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

```
package com.tutorialspoint;

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(11);
        treeadd.add(16);
        treeadd.add(15);

        // getting the first lowset element
        System.out.println("First lowest element: "+treeadd.first());
    }
}
```

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

```
First lowest element: 11
```

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