

JAVA.UTIL.TREESET.POLLFIRST METHOD

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

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Description

The **pollFirst** method is used to retrieve and remove the first *lowest* element, or returns null if this set is empty.

Declaration

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

```
public E pollFirst()
```

Parameters

- NA

Return Value

The method call returns the first element, or null if this set is empty.

Exception

- NA

Example

The following example shows the usage of java.util.TreeSet.pollFirst 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);

        // retrieve and remove the first element
        System.out.println("First element is: "+treeadd.pollFirst());

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

        // displaying the Tree set data
        System.out.println("Tree set data after removing: ");
        while (iterator.hasNext()){
            System.out.println(iterator.next() + " ");
        }
    }
}
```

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

```
First element is: 1  
Tree set data after removing:
```

```
2  
13  
17
```

```
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```