**TreeMap Iterator example – Java**

[**JAVA COLLECTIONS**](http://beginnersbook.com/category/java-collections/)

In this example we are iterating a [**TreeMap**](http://beginnersbook.com/2013/12/treemap-in-java-with-example/) using [**Iterator**](http://beginnersbook.com/2014/06/java-iterator-with-examples/) and [**Map.Entry**](http://beginnersbook.com/2014/06/map-entry-interface-in-java/).

import java.util.TreeMap;

import java.util.Set;

import java.util.Map;

import java.util.Iterator;

public class TreeMapExample {

public static void main(String[] args) {

// Create a TreeMap

TreeMap<String, String> treemap = new TreeMap<String, String>();

// Add key-value pairs to the TreeMap

treemap.put("Key1","Item1");

treemap.put("Key2","Item2");

treemap.put("Key3","Item3");

treemap.put("Key4","Item4");

treemap.put("Key5","Item5");

// Get a set of the entries

Set set = treemap.entrySet();

// Get an iterator

Iterator it = set.iterator();

// Display elements

while(it.hasNext()) {

Map.Entry me = (Map.Entry)it.next();

System.out.print("Key is: "+me.getKey() + " & ");

System.out.println("Value is: "+me.getValue());

}

}

}

**Output:**

Key is: Key1 & Value is: Item1

Key is: Key2 & Value is: Item2

Key is: Key3 & Value is: Item3

Key is: Key4 & Value is: Item4

Key is: Key5 & Value is: Item5