S.No: 30	Exp. Name: *Write java program(s) that use collection framework classes. (TreeMap class)*	Date:2023-11-30

Aim:

Write a java program(s) that use collection framework classes.(TreeMap class)

Source Code:

Treemap.java

```java
import java.util.*;
public class Treemap{
    public static void main(String[] args){
        Scanner inp = new Scanner(System.in);
        TreeMap<Integer,String> treeMap = new TreeMap<Integer,String>();
        System.out.print("No.Of Mapping Elements in TreeMap:");
        int num = inp.nextInt();
        for(int i=0;i<num;i++){
            System.out.print("Integer:");
            int key = inp.nextInt();
            inp.nextLine();
            System.out.print("String:");
            String value = inp.nextLine();
            treeMap.put(key,value);
        }
        for(Map.Entry m : treeMap.entrySet()){
            System.out.println(m.getKey()+"->"+m.getValue());
        }
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1

User Output
No.Of Mapping Elements in TreeMap: 2
Integer: 1
String: HELLO
Integer: 2
String: WORLD
1->HELLO
2->WORLD

Test Case - 2

User Output
No.Of Mapping Elements in TreeMap: 3
Integer: 25
String: UNIVERSITY
Integer: 26
String: KNOWLEDGE
Integer: 27

String: TECHNOLOGIES
25->UNIVERSITY
26->KNOWLEDGE
27->TECHNOLOGIES