S.No: 30	Exp. Name: *Write java program(s) that use collection framework classes.* *(TreeMap class)*	Date:2023-12-03

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[] agrs) {
        Scanner sc =new Scanner(System.in);
        TreeMap<Integer,String> treemap =new TreeMap<Integer,String>();
        System.out.print("No.Of Mapping Elements in TreeMap:");
        int num = sc.nextInt();
        for(int i=0;i<num;i++) {
            System.out.print("Integer:");
            int key=sc.nextInt();
            sc.nextLine();
            System.out.print("String:");
            String value=sc.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