S.No: 31	Exp. Name: *Write java program(s) that use collection framework classes.(TreeSet class)*	Date:2023-12-04

Aim:

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

Source Code:

TreeSetclass.java

```java
import java.util.*;
class TreeSetclass {
    public static void main(String args[]) {
        TreeSet<String> al = new TreeSet<String>();
        System.out.print("No.Of Elements in TreeSet:");
        Scanner sc = new Scanner(System.in);
        int n=sc.nextInt();
        for(int i=0;i<n;i++) {
            System.out.print("String:");
            Scanner b = new Scanner(System.in);
            String str = b.nextLine();
            al.add(str);
        }
        System.out.println("TreeSet Elements by Iterating:");
        Iterator<String> itr=al.iterator();
        while(itr.hasNext()) {
            System.out.println(itr.next());
        }
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
No.Of Elements in TreeSet: 3
String: Never
String: Give
String: Up
TreeSet Elements by Iterating:
Give
Never
Up

Test Case - 2
User Output
No.Of Elements in TreeSet: 2
String: Hello
String: There
TreeSet Elements by Iterating:

Hello

There