

S.No: 31	Exp. Name: Write java program(s) that use collection framework classes.(TreeSet class)	Date:2023-12-08
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Aim:

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

Source Code:

TreeSetclass.java

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