

S.No: 31	Exp. Name: <b>Write java program(s) that use collection framework classes.(TreeSet class)</b>	Date:2023-12-03
----------	---	-----------------

### Aim:

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

### Source Code:

TreeSetclass.java

```
import java.util.*;
class TreeSetclass{
    public static void main(String args[]){
        //Creating and adding elements
        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);
        }

        //Traversing elements
        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