**COLLECTIONS**

16. Write a Java Program to Accept Employee Details by Using TreeSet. Enter the data in any order but display the data by arranging as per EmployeeID using Comparator interface.

1. Employee Name

2. Employee ID

3. Employee Age

**Program:**

**Emp\_Set.java;**

package collection;

import java.util.\*;

public class Emp\_Set implements Comparable<Emp\_Set> {

int id;

String name;

double salary;

Emp\_Set(int id,String name,double salary){

this.id = id;

this.name = name;

this.salary = salary;

}

@Override

public int compareTo(Emp\_Set o) {

if(id>o.id){

return 1;

}else if(id<o.id){

return -1;

}else{

return 0;

}

}

}

**Emp\_SetTest.java:**

package collection;

import java.util.\*;

public class Emp\_SetTest {

public static void main(String args[]){

Set<Emp\_Set> set = new TreeSet<Emp\_Set>();

Emp\_Set e1=new Emp\_Set(2,"karan",12000);

Emp\_Set e2=new Emp\_Set(5,"jo",35000);

Emp\_Set e3=new Emp\_Set(4,"abi",20000);

Emp\_Set e4=new Emp\_Set(1,"banu",40000);

Emp\_Set e5=new Emp\_Set(3,"zagar",10000);

set.add(e1);

set.add(e2);

set.add(e3);

set.add(e4);

set.add(e5);

System.out.println("Employee details \n");

System.out.println("| id | name | salary |");

for(Emp\_Set s : set){

System.out.println(" " + s.id +" " + " "+ s.name + " " + s.salary);

}

}

}

**Output:**

run:

Employee details

| id | name | salary |

1 banu 40000.0

2 karan 12000.0

3 zagar 10000.0

4 abi 20000.0

5 jo 35000.0

BUILD SUCCESSFUL (total time: 0 seconds)