Name-satyam khare

CSE-G

**Source code:-**

import java.util.\*;

interface I1

{

void feedbackOfUniversity();

}

abstract class Person

{

private String name;

private int age;

private String address;

public void setName(String n)

{

name=n;

}

public void setAge(int a)

{

age=a;

}

public void setAddress(String ad)

{

address=ad;

}

public String getName()

{

return name;

}

public int getAge()

{

return age;

}

public String getAddress()

{

return address;

}

}

class Student extends Person implements I1

{

private int rollNo;

private String branch;

public void setRollNo(int r)

{

rollNo=r;

}

public void setBranch(String b)

{

branch=b;

}

public int getRollNo()

{

return rollNo;

}

public String getBranch()

{

return branch;

}

public void feedbackOfUniversity()

{

System.out.println("please give your feedback");

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

System.out.println("feedback:"+s);

}

}

class Faculty extends Person implements I1

{

private String department;

public void setDepartment(String d)

{

department=d;

}

public String getDepartment()

{

return department;

}

public void feedbackOfUniversity()

{

System.out.println("please give your feedback");

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

System.out.println("feedback:"+s);

}

}

public class InterfaceExample

{

public static void main(String[] args)

{

Student s1=new Student();

System.out.println("---------------------------------------------------------------------------------------------");

s1.setName("SatyamKhare");

s1.setAge(20);

s1.setAddress("Lig");

s1.setRollNo(39);

s1.setBranch("CyberSecurity");

System.out.println("student");

System.out.println("---------------------------------------------------------------------------------------------");

System.out.println("name:"+s1.getName());

System.out.println("age:"+s1.getAge());

System.out.println("Address:"+s1.getAddress());

System.out.println("rollno:"+s1.getRollNo());

System.out.println("Branch:"+s1.getBranch());

s1.feedbackOfUniversity();

System.out.println("---------------------------------------------------------------------------------------------");

Faculty f1=new Faculty();

f1.setName("Anonymous");

f1.setAge(50);

f1.setAddress("indore");

f1.setDepartment("sviit");

System.out.println("Faculty");

System.out.println("---------------------------------------------------------------------------------------------");

System.out.println("name:"+f1.getName());

System.out.println("age:"+f1.getAge());

System.out.println("Address:"+f1.getAddress());

System.out.println("Department:"+f1.getDepartment());

f1.feedbackOfUniversity();

System.out.println("---------------------------------------------------------------------------------------------");

}

}

**Output:-**

E:\java\bin>javac InterfaceExample.java

E:\java\bin>java InterfaceExample

---------------------------------------------------------------------------------------------

student

---------------------------------------------------------------------------------------------

name:SatyamKhare

age:20

Address:Lig

rollno:39

Branch:CyberSecurity

please give your feedback

good

feedback:good

---------------------------------------------------------------------------------------------

Faculty

---------------------------------------------------------------------------------------------

name:Anonymous

age:50

Address:indore

Department:sviit

please give your feedback

bad

feedback:bad

---------------------------------------------------------------------------------------------