**Assignment number: 13**

**Subject: ADVANCED DATA STRUCTURES LAB**

Name: ***RIA MITTAL***

Class: ***SECOND YEAR ENGINEERING***

Division: ***B***

Roll no: ***222008***

Batch: ***B1***

**PROBLEM STATEMENT:**

Write a java program that demonstrates a concept intefaces and packages.In this assignment use of customized package and interfaces is for specific application is expected/

**Code:**

package ads.assignments.servers;

import java.util.Scanner;

import ads.assignments.interfaces.Accept;

import ads.assignments.interfaces.Display;

public class Assignment13InterfacesPackages implements Accept, Display{

String name, mobile, curclass, division, rollno;

@Override

public void display() {

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

System.out.println("NAME : " +name);

System.out.println("CLASS : " +curclass);

System.out.println("DIVISION : " +division);

System.out.println("ROLL NO : " +rollno);

System.out.println("MOBILE : " +mobile);

}

@Override

public void accept() {

Scanner sc = new Scanner(System.in);

System.out.print("\nENTER NAME : ");

name = sc.next();

System.out.print("\nENTER CLASS : ");

curclass = sc.next();

System.out.print("\nENTER DIVISION : ");

division = sc.next();

System.out.print("\nENTER ROLLNO : ");

rollno = sc.next();

System.out.print("\nENTER MOBILE : ");

mobile = sc.next();

}

}

**OUTPUT:**

ENTER NAME : ria

ENTER CLASS :se

ENTER DIVISION :b

ENTER ROLLNO :222008

ENTER MOBILE :8123456789

NAME : ria

CLASS :se

DIVISION :b

ROLLNO :222008

MOBILE :8123456789