Advanced Data Structures Assignment

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Problem Statement:

Write a Java program which will demonstrate a concept of Interfaces and packages: In this assignment design and use of customized interfaces and packages for a specific application are expected.

Code:

package ads.assignments.clients;

import ads.assignments.servers.Assignment13InterfacesPackages;

public class Assignment13InterfacesPackagesClient {

public static void main(String[] args) {

Assignment13InterfacesPackages aObj = new Assignment13InterfacesPackages();

aObj.accept();

aObj.display();

}

}

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: