

23/1/24

Package

Date _____
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Package CIE;

public class Student{

String usn;

String name;

int sem;

public Student (String usn, String name, int

sem) {

this.usn = usn;

this.name = name;

this.sem = sem;

Package CIE;

public class Internals extends Student{

public Internals () {

public Internals (String usn, String name, int sem)

super (usn, name, sem);

this.internals = internalMarks;

3
Package SEE;

import CIE.Student;

public class External extends Student{

public External () {

public External (String usn, String name, int sem)

super (usn, name, sem);

this.SEE Marks = seeMarks;

import java.util.Scanner;

import java.util.InputMismatchException;

import java.util.Scanner;

public class final Marks{

 public static void main(String[] args){

 Scanner scanner = new Scanner(System.in);

 System.out.println("Enter no. of Students");

 int n = scanner.nextInt();

 int[] cieStudents = new int[n];

 int[] extStudents = new int[n];

 for (int i=0; i<n; i++) {

 System.out.println("Enter CIE details " + (i+1));

 System.out.print("SN: ");

 String usn = scanner.next();

 System.out.print("Name: ");

 String name = scanner.next();

 System.out.print("Sem: ");

 int sem = scanner.nextInt();

 int[] cieMarks = new int[5];

 System.out.print("Enter CIE marks for 5 subjects");

 for (int j=0; j<5; j++) {

 cieMarks[j] = scanner.nextInt();

 } // Subject 1, 2, 3, 4, 5
 cieStudents[i] = new Student(usn, name, sem, cieMarks);

 }

 System.out.println("Enter SEE details " + (i+1));

 System.out.print("SN: ");

 String usn = scanner.next();

 System.out.print("Name: ");

 String name = scanner.next();

 System.out.print("Sem: ");

 int sem = scanner.nextInt();

int [] SeeMarks = new int [3];

System.out.println ("Enter SEE marks for 5 courses");
for (int j=0; j<5; j++) {
 SeeMarks [j] = Scanner.nextInt();

SeeStudent [i] = new Student (vsn, name, sem, SeeMarks);

System.out.println ("Entered Marks of Students: ");
for (int i=0; i<5; i++) {

 System.out.print ("Info of Student " + (i+1) + ": ");
 System.out.print (vsn + " " + SeeStudent [i].vsn);

 System.out.print ("Name: " + SeeStudent [i].name);

 System.out.print ("Sem: " + SeeStudent [i].sem);

 System.out.print ("CIE Marks: ");

 for (int j=0; j<5; j++) {

 System.out.print (SeeStudent [i].SeeMarks [j]);

 System.out.println (" ");

 for (int j=0; j<5; j++) {

 System.out.print (SeeStudent [i].SeeMarks [j] + " ");

Enter the number of students : 2

Enter details for CIE of student 1.

VSN: 160124CS001

Name: Anilash

Semester: 1

Enter CIE marks for 5 courses: 49

34

39

37

40

Enter details for CIE of student 2

USN: 16m14c5003

Name: chandan

Semester: 7

Enter CIE marks for 5 courses: 20

14

26

18

30

Enter details for SEE of student 1

USN: 16m14c5001

Name: avinash

Semester: 4

Enter SEE marks for 5 courses: 40

37

43

23

43

Enter details for SEE of student 2

USN: 16m14c5003

Name: chandan

Semester: 7

Enter SEE marks for 5 courses: 50

49

45

47

46

Final Marks of students:

Details of Student 1

USN: 16m14c5001

Name: avinash

Semester: 4

CIE marks:

23/01/24
SEE marks
40 37 43 23 43

Details of Student 2

USN: 16m14c5003

Name: chandan

Semester: 7

CIE marks:

20 14 26 18 30
SEE marks
50 49 48 47 46