Week - 9 - Lab Program - 6

*) Below is two programs of class Student and class Internals. Both belong to a package named CIE. Glass Internals extends from class Student.

1 package CIE; import java. util . Scanner;

public class Student

public String name; public String USN; public int sem;

public void display ()

Scarrer 5 = new Scarrer (System.in), System, out, println ("Nam: "); Name = s. neset ();

System. out. println ("USN: ").

USN = S. neat();

System. out. println ("Semuter:"); sem = s. neset Int ();

7 4

package CIE; import java, util. Searner: public class Internels extends Gludent public double viem [] public void display U ciem = new double [5]; Scarrer t = new Scarrer (System. in). System out println ("CIE marks for 5 subjects (out of 50): "); for (int i=0; i28; i++) ciem [i] = t. next Double (); *) Below is a program of class Externals which belongs to package SEE. Class Externals extends from class Student. package SEE;

import java. util. *;
import CIE. *;

public class Esctornals extends CIE. Student public double seem [] public void dieplay () seem = new double [5]. Scanner S= new Scanner (System. in).
System, out. println ("SEE Marks for 5 subjects (out of 100): "); for (int i=0; ix5; i+t) seem [i] = s. resct Double (); m) Below is a driven program with class Main which imports both the packages CIE and SEE. import CIE. *; 4

import CIE.*;

import SEE.*;

import java.util. Scanner;

public class Main

public statu void main (string ags []) int n; Seannel S= new Scarrer (System: in).

System: out. println ("Enter the number of students: "); n=s. nestInt(); CIE. Student StEJ = new CIE. Bludent En]. CIE. Internals in [] = new CIE. Internals [m]; SEE. Esterals et] = new SEE. Exterals Cn]; for (int i=0; i<n; i++) St[i] = new CIE. Student(); in [i] = New CIE. Internals (). e[i] = new SEE. Externals () stli]. display () intil · display(); etil. display (); System. out. println ("Jotal marks of student" + st[i]. name +" in 5 xubjects are:");

for (int j=0; j'<5; j++) &

System. out. println (in [i]. ciem [j] + (eci]. suncj)

(2));