23/1/24 Lab 6 Week] . create a package CIE which has two clanes - Student and Internals The class student has numbers like usn, name, sem. The class internals derived from Student has an array that stores the internal marks scored in fire courses of the current semester of the student. Create another package SEE which has the class External which is derived brom student, stores SEE marks of 5 coun Import the two packages in a bile h students in all 5 bire courses

student clars

package (TE;
import java.util.Scannon;
public clars Student

protected String usn,

protected string usn, name;
protected int sem;
public roid input()

Scanner Sc = new Scanner(System.in);

System.out.println("Enter your USN:");

USN = Sc.nextLine();

System.out.println("Enter your name: ");

name = Sc.nextLine();

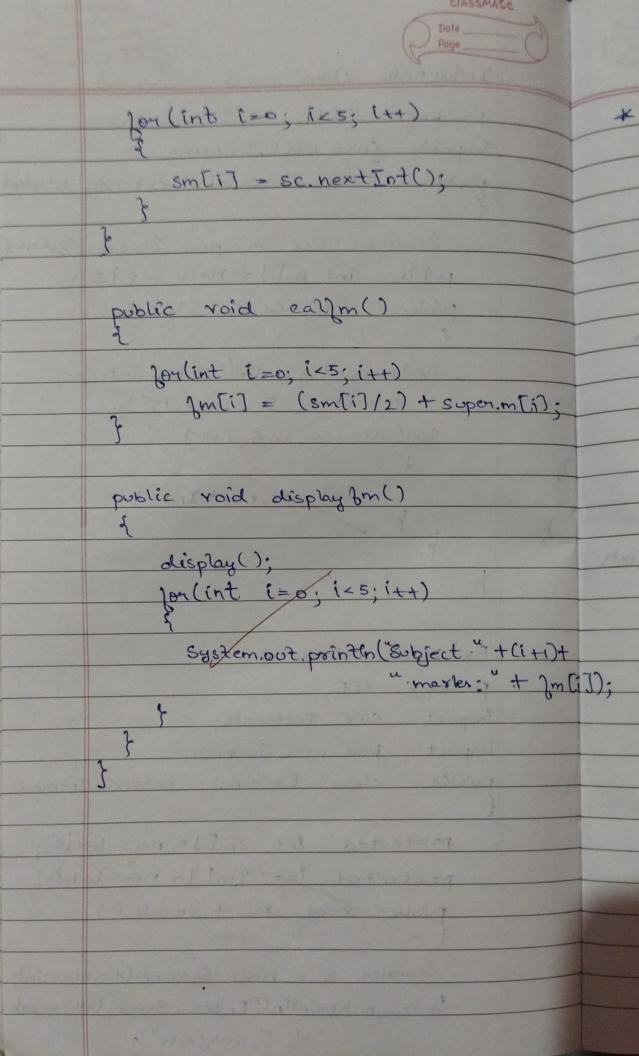
System.out.println("Enter your semester: ");

Sem = Sc.nextInt();

public void display()

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

classmate Internals clan package CIE; Empost jara. util. Scanner; public class Internals extends student Scanner Sc = new Scanner (System) public int m[] = new int [5]; public void accept_imarks() Systemout pointly Enter internal marker of 5 subjects") forlint ico; (25; itt) mtil sc.nextint(); External clan package SEE; impost CIE. Internals; Empost java util Scanner; public class External extends Internals protected int sml] = new int[5]; protected int [m[] = new int[5]. public roid accept_smasks() Scanner & = new Scanner (3ystem. In); Systemout. point n ("Enter Semester masker of 5 subjects")



Main class CIE. Student: Emport import CIE. Internals; import. SEE. External; public class Main public static roid main (String ax []) int nz1] External ob[] = new External[n] jorlint i=0; kn; it+) obli] = new External(); ob[i]. input(); System.out.println ("Enter CIE masks"); obli] accept_imarsks (); System out printly ("Enter SEE marks") oblil accept smarker (); System. out println ("Displaying Data:"); for (int izo; ixn; itt) oblit. octom(); GotT. displayon();

