Je, create package CIE which has 2 classes - Personal and Internals. The class Personal has members us, name, som. The class Internals has array that stores internal in 5 courses of current semester of strobent another package SEE which has class External which is derived class of Personal - This class loss on array that stores SEE marks scored in flue courses in current demoster of strobent. Import two packages in file that declares the final marks of a students in all flue courses.

public class Personal &

public string use;

public string name;

public 8nt sem;

public Personal (string use, string name, int sen) {

this use = use;

this name = name;

this sem = sem;

public void display hersonal Details () {

System out paintle (" Name: 19 + name);

System out paintle (" Name: 19 + ben);

System out paintle (" Semester: 19 + ben);

```
public class Internals
2 perblic int[] rectarnal Marks: new Ent[5];
  public void set Internal Marks (ind [] marks) {
        forlint 0=0; e<5; it+) {
               internal Marts[?] = marks[i];
   public void display Internal Marks ()
       System. Out . print (66 Juterval Marks: 11);
        for (i=0; i < internal Marks. length; i++) {
           System out - print(internal Marks [ 27 + " ");
         System-out. printle (1;
Paulage SEE;
import CIE.94;
public class Renso Enternal extends Personal &
    public int[] seeMarks = new aut[5];
    public Ederaal Cstring use, string name, intsem)
     1 super(usn, name, sem);
```

public void set Sterburks (But () works) { forlint i=0; i+5; i+1? seeMarks [i] = mouts[i]; public void displayste Marks () { System out printlasse Marks: 19]. for lint e=0; i < see Harts. length li; i++) System out-penint mark + " "); System. out. periodle(); import CIE. *; import SEE. +; import jana. util. Scanner; public class Main? public static void main (Strug ?] args) { Scanner Scanner = nous scanner (System in); System-out. print!" Enter number of students: "); int n = scanner. nextIntl);

External [] students = now External [17];
Internals[] Enternals = now Internals (11); forlint i=0; ccn; i++) { System out perintle 1 16 in Enter details of Student: 19 System out print ("Enter USN: "); String uch = scanner. nextl); System. out. print ("tater Name: "); String name = scanner. next(); System out printli Enter Semester int dem - souner next Intel; Strolents [i] = nous External (usn, name, sem); internals [i] = none Internals []; System. Out. puintln (" Enter & internal marks: "); int[] internal Marks = new Ent [5]; for lind j =0; j <5; j+f){ i uternal Marks (j J=scanner-nextIntl); internals [i] a - set Internal Mourts (internal Marks) System. ont. println ["Enter 55 EE Marks: 1"]. int[] seetherks = now int[5]; forlint j=0; j<5; j. ++) { see Marke(j) = scanner-noxtInt(); student [i] - voet SEE Marks (see Morks);

System out privale (" n Final Marks of Students : "); for [ind i=0; icn; i++)? System out printles!" in Student " + this; (i+1) + " "); Students [i]. display Personal Details ();
"Intervals (i) display Interval Marks ();
Student [i]. display Stevarks (); System oud printle Final Marks: 19); for lind j=0;j<5;j+HE int find Marks = intervals [i] interval Markel] + (students[l] be Marke(j](z); System out print(final banks + " "); System · out · println(); Duty ut: Enter number of students:) Strolent 1: USN: 1BM23CS001 Enter USN: 1BM23CS001 Name: Haishilash

Enter Name: Hrishi Icaeh
Enter Semester: 3
Enter Sinternal marks:
20 25 18 23 20
Enter 5 SEE marks:
50 55 40 45 35

VSN: (BM23CSOO)
Name: Hrishikosh
Bennester: 3
Internal Marks: 2025182320
SEE Marks: 5055404535
Final Marks: 4552384537