and the second second	INHERITANCE PRACTISE 1 - STUDENTS
	import java util +;
	class Student
	\(\lambda\)
	private Eking USN;
	Private Shing Name;
	private int sem;
	Voiol gelstudentdala ()
	<u> </u>
	Scanner XX = maew Scanner (System in)
	System. out. print l'Enter VSN ").
	USN = xx. rentline ();
	System out print L" Enter Name's;
	Name = xx. neutline ();
	System. out. print (" Enter sernester");
	sem = xx. rentlent();
	<u> </u>
	Void Mintstudent daba ()
	<u>{</u>
	System. out. printl' Name of student & "+ Name);
	System cell print ("USN of student" + USN);
	System. ord: print ("Semester" + sem);
	3
	4 4

```
class Test extends Student
5
   private int viel];
   privat int credits [];
   private int n;
   void setsize (intm)
       n=m;
       cie = new int[n];
       credits= new int [n]:
   våd getilemarks()
     Scanner Kx = new Scanner ( System En)
     System out paid int 1;
     fa(1=0;1<n;1++)
       System out pant l'Enter woult and we of 't
                        (fit 1)+" subject")
       credits [i] = xx.next Int ().
       ale[?] = xxnext Int ();
```

```
int returnie marks ()
     return me [i].
 int returnedits ()
     return credits (?);
class Exam extends Test
   Prévante ent see [];
   Private int n1;
   void betsize 1 (int m)
       n1=m;
       see = new int [n];
   void getseemarks ()
     Scanner XX = new Scanner ( System in).
      int i
```

for (=0; (< n1; (++) System out print ("Enter StEmarks for"+(i+1)+subject see [i] = xx. nextInt(). int returniscements ( \$ int?) return sel (?] class Result Extends Exam private double result; private int n; Result () Scanner XX = new Scanner (System in); getstudent data(). System. out println (" Enter number of subjects") int i=xx. nextInt(). n= 2.

betsize (i); schsized (i); getie marks (); getsee markets: vold (alculaterusult () result = 0: double temp = 0: double total endi'ls =0. for (int i=0, icn; i++) temp = temp + letrum wemarks (1); temp = temp + (returned marks (3) 2); total credits = total credit + return credits 85. result = result + (temp \* return credits (3) /100) temp=0. result= (result / total credits) + 10; void print () E System . out print ("SGPA is "+ result);

class Main public static void main (String arges ()) Scanner Xx = new Scanner (System. in); System out print ("Enter number of structures"). int n = xx.nentInt(); Result \$ 1 ( ] & = new Result [n]; for (int i =0; icn; i++) A [?]= new herult (); 1 [i] 2. calculateresult(); for (int i=o; ian; i+) A [2] print result (i).