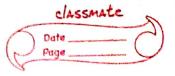
LAB-6

	import jova out lango. *; System out scanner in new scanner (systemin)
	package CIE;
	class Student
	int usn;
-	String name;
	int sem;
	Student (wsn, name, sem) [
	this van = usn; System out println ("Enter usn, name, sem");
	This name = m name; Usn = in next name = in nextLine();
	this sem = sem; Usn = in.nextInt();
	sem= in nextInt();
	1
	J J
	class int Internals extends Student (
	the double cie-manks = new int [5];
	Internals ()
	super();
	System. out. printen (" Enter marks of 5 subjects: ");
	for (int $i=0$; $i<5$; $i++$) {
	do { System.out. printin (" Marks in subject " + (i+1) + ": ");
	do f
	in cie-marks[i] = in. nextDouble();
	phile (cie_marks[i] \$50;
	}
	}
	J
,	
1	



package SEE,
import CTE. *;
class External & extents Internals
double SEE see-marks [] = new double [5].
External()
in super();
System.out. println ("Enter SEE marks:");
for (int i=0; i45; i++) {
dof
System out printin ("Marks in Subject" + (i+1) + ": ");
see_marks[i] = # in. next Double();
if (see_marks[i] > 100)
System out println (" ERROR! MARKS CANNOT BE OVER
100! PLEASE INPUT AGAIN!");
} while (see-marks[i] > 100)
2
,}

```
import java. util. x,
import java. lang. +;
import see, x, CIE.x,
import SEE. *;
Scanner in= new Scanner (system in);
public class Main &
 public static void Total-marks (External obj ) + ##[] arr) {
      for (int i = 0; i45; i++) 4
         arr [i] = ( & obj. cie-marks[i] + ((obj. see-marks[i])/2));
 public static void Main (String[] args) [
      External e1 = new External(); int n;
      int double Total[] = new double [5]; double Total[] = new double [5];
      Totala-marks (e1, Total);
      System. out - println ("Enter no. of students: ");
      to. n= in.nextInt();
       External e[] = new External[n] =;
       for (int i= 0; i<n; i++) {
       e[i] = new External();
         Total-marks ( e[i], arr);
         System out prinkln ("Total Marks: ");
         for (int j=0; j<5; j++) {
          System. out. println ( arr[i]);
```

Scanneu with Camstal