Qui:

Create a package CIE which has two dues student of internals. The class student has member, like Usn, name, sem: The class Internals has an array that stores the internal has an array that stores the internal semester of the student. Create another parky semester of the student. Create another parky SEE which has the class external SEE marks scored in five Courses of the Current semester of the student. Import to two packages in a file that declares the final marks of n students in all five courses.

prg:

import java·lang·*;
import java·util·Scanner;

public class Student?

private String USN;

private String name;

private int Sem;

Scanner S= new Scanner (System.in);

public Student () {

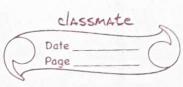
this ("unknown", "unknown", 3);

?

public student (String USN, String name)
int sem) {

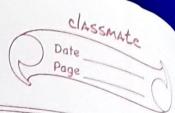
this.usn = USN;

thip. name = name; thip. Sem = Sem;



public String get USN() & return USN; public void setUSN (string USN) & 7 this. USN= USN; public String get Name () { geturn name. public void Set Namo (String name) { thip. name = name; public int get Sem () } Zeturn Sem; public void get Data () { String USN, name; int sem; System. out, print (n ("Enter USN"); USN = S. nextline (); set USN (USN); system. out. println ("Enter Student name"). name = So next Line(); Set Name (name); System. out. print ("Enter sem"). Sem = S. next Int ().

a setSem (sem);



public Void print Data() {

System. Out. println ("USN: "+ getUSNO).

System. Out. println ("Name: "+ getName()).

System. Out. println ("Sem": "+ getSem()).

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p buc void setherne (String mone)

public int get Sem () &

return sem

public void jetiodaco ?

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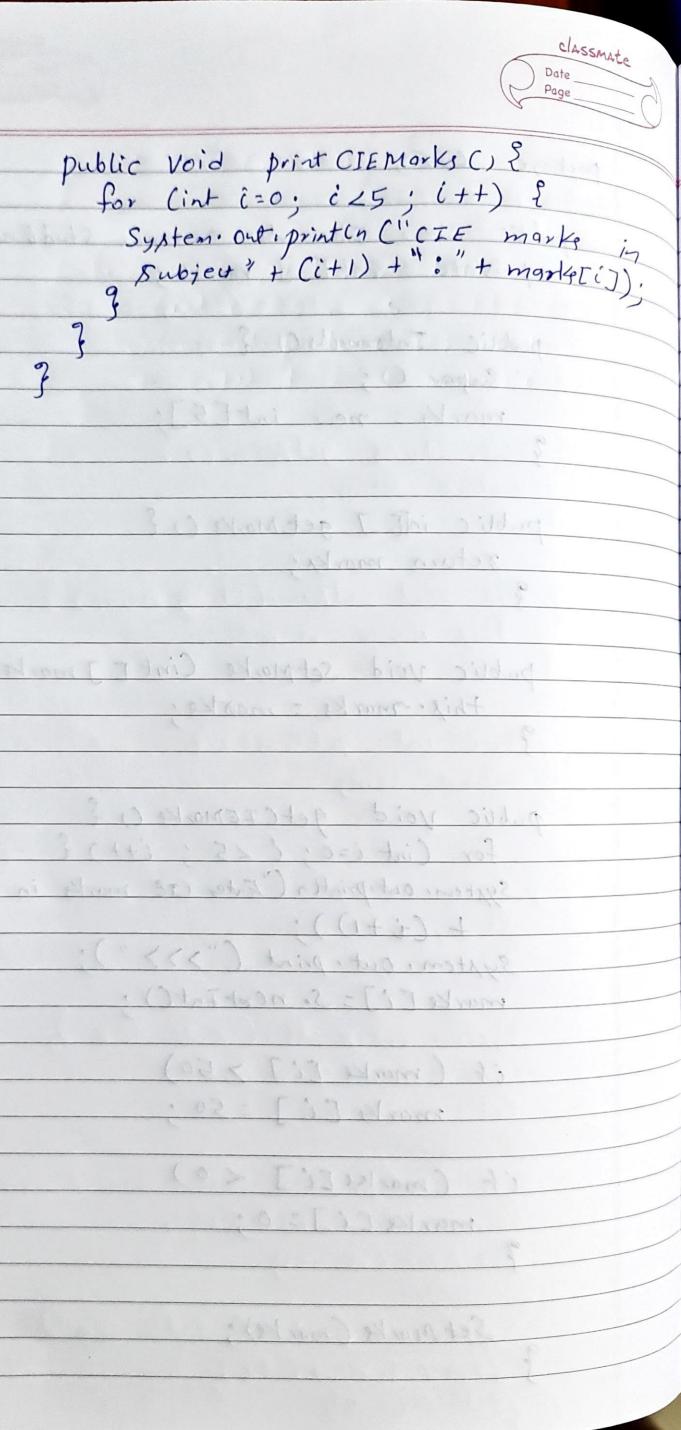
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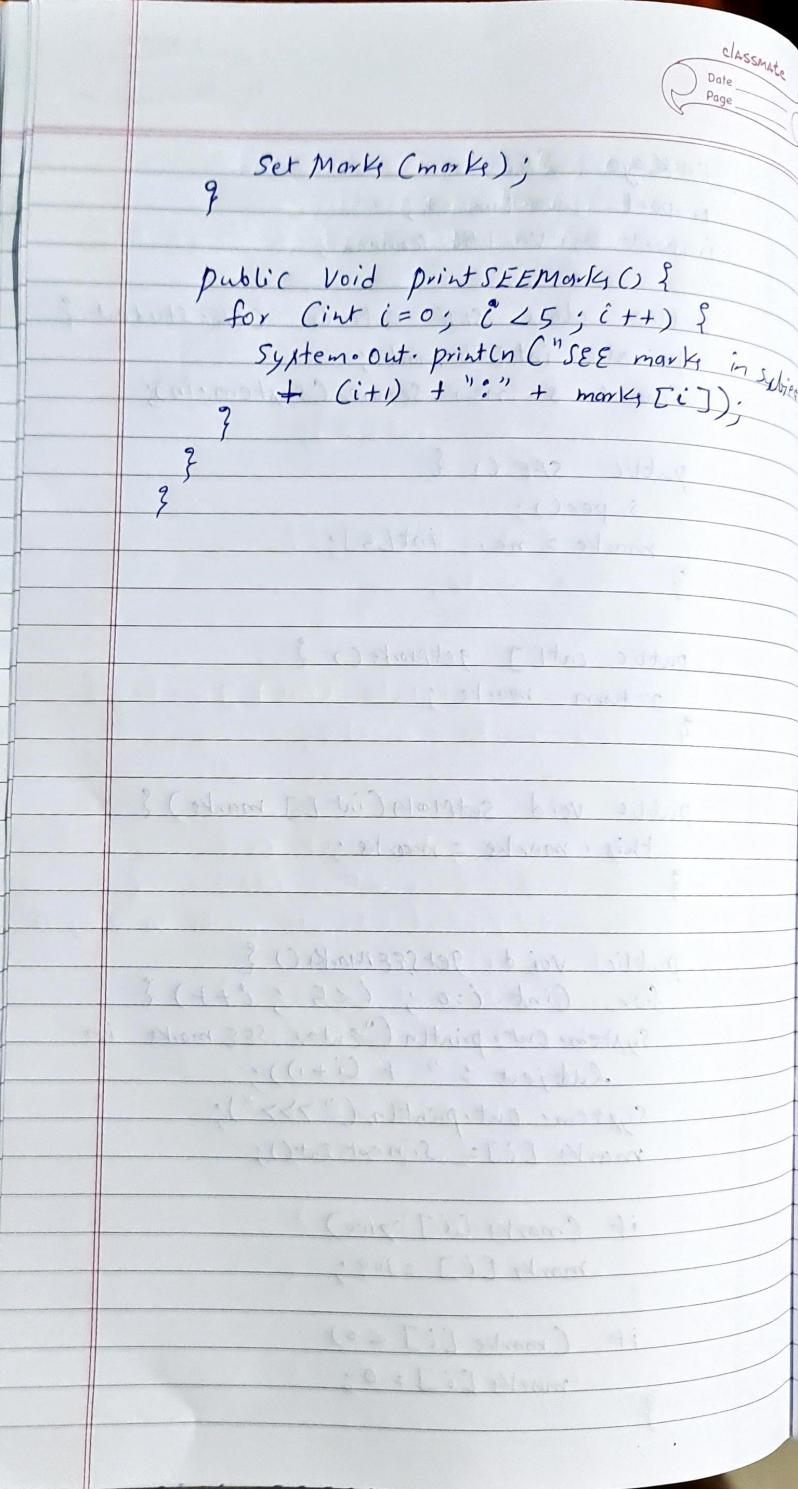
Code Concerned

elections (seem)

```
package CIE;
 public class Internaly extends Student &
    private int [] mor/2;
   public Internals () {
    Super ();
   max 14 = new int [5];
   public in[] get Marks () {
   geturn marks;
   public void SetMarke (int [] marks) {
   7 this marks = marks;
   public void getCIEMarks () }
     for (int i=0; i <5; i++) {
    System, out, println ("Enter CIE marks in Subjects"
    System. Out. print (">>> ");
      + (i+1));
     marke [i] = S. next Int();
     if (marke [i] > 50)
        marly [i] = 50;
    if (marks [i] <0)
    marke [i]=0;
   Set Marke (marke);
```



```
· parkage SEE;
  import javarlang , x;
  import java, util scanner;
  public class SEE extends CIE, student &
   private int[] marke;
   Scanner 5= new Scanner (Systemin);
   public SEE () {
Super();
marke = new int[5];
}
  public int[] getmarke() }
  geturn marks;
 public void SetMarks (int [] marks) }
  this marke = moorke;
  public voi d get SEE Marks () {
   for (int (=0; (25; (++)))
   System. Out. println ("Enter SEE morke in
    elubject : " + (i+1)),
   System. out.print(n (">>>");
    mark [i]= Sinest Int();
    if (marke [i] >100)
       morky [i] = 100;
   if (marke [i] < 0)
     mar14 [i] = 0;
```



import CIE. Internal; import SEE, SEE; import java lang. * import java. util scanner; public class final marks ? public static void main (String [] args) { Scanner S= new Scanner (System-in), int n, count; Systemiout. printin ("Enter number of Students").

n = S. next Int (); m = S. nept Int (); for (Count = 0; Count < n; Count + +) {

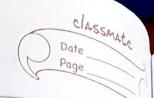
CIF: Internaly Cie = new Internal ();

SEE See = new SEE(); Cie.get Data(); Cie, get CIEMONKO; See. get SEEMarke(); int [] CIEMark = cie.get Marks (); int [] SEEMONG = Sec. get Marks (); int [] totalMarks = new int[5]; for (int i=0; i <5; i++) } JotalMark [i]= CIEMONKEi]+ (SEEMONKEI]/2) Systemioutiprintly ("...-"). Cie print CIEMarks ();

System. Out . println (

see · printsEEMarks ();

system. out. println ("



for (int i=0; i25; i++) } System. out. println ("Total marke in Subject" + " + total Marky [i]).

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