Student

pooleage cie;

vontout jour vitil Arrays;

public class bladent &

public blaing uson;

public int scon;

public bladent (String uson, String name,

int gen) &

this war = uson;

this name = roune;

flis scon: sun;

public vord display () {

Seysten, out, peutle ("USN: "+ usn);

Systen. out, peutle ("NAME: "+ nome);

System. out. peutle (" SEM: "+ seen);

Internals
upackage cie
impoet jaia. util. Arrays;

public class Internals extens Student &

public double [] xie marks = new double [5];

public suturals (Sting uson, Sting name,

cert seen, double []

cire marks) &

sufer (uson, name, seen);

```
this, cie_males = cie_males ;
      sublic void duplay () &
sufer suiplay ().
          Septem. out. peintle ("CIE works!",
Arrows. toblerio (cic_morks));
Sxternal
package see.
 unpoet cie. ;
 unfroit jours. util. Amongs;
public double [] see works = new double [5];
    public External (strig even, Strig name, est sor
                         double [] rece_morks) g
          sreper ( user, some, sun);
          this, see marks = see marks;
     public void desploy () {
System: out. printty ("SEE
                                          "- Arrays. to
             bling (see mades));
```

Johal Marka impoet joua util Arrougs; unpoet cie. \*; worked see . " class Jotal Marks & [ Tablic States double [ Tablerob satisfy adule ? ] are1, double [] our2) 5 double [] added = vew Bouble [air. light]; for (ext i=0; i 2 ale. light, i++) [ added[i]: aveili]+ suel[i]; return added; public static double [] from strig 2 tomay ( Strie entered etc, int elife) ? Strig [3 separated: entered ste. split double [] returntroay = new stouble [ spected . light ]; for (it i:0; icreprested - high; i++) 5 if (tagfe == 0) 5 echien tray[i]. Double. pour Double Cospusted[i]); else of (type==1) & return Arroy [i] = Double. pour Double (squaled [i]/2);

return setteen storag; public static void main (Sterig [] augs) { , near tris String temp roune, tup user; voit temps sem, doubleistent \_ cire; double [] burg see; Bronner gd: new branner (System in); Sexten. out - peutler (" Enter num slenderts."); mum = god . need Jed (); gd. next fort (); cie Internals [] inturals \_ marks = rent cue. Interale [num]; see. External & 3 externals - marks = new see. Esteral [num]; double [32] added macks: new double [ num] [5]; ( recient i. 0) iz num; i 11) & beysten out peutle (" letter detoets; "); lung\_eason = go, next Line (); Lunt vource = gd vest Lora (1) lemp - som = Integer-poure Jack (ad novit Just ()); tunh\_cine = from the 2 torsay (gd. next bren al

Line (3, 1); internals\_marks[i]: new cie, Lenturals ( tenf \_ wen, stenf \_ name, tenf \_ sum, tenf sie ; extende nocks[i] - voer see getende test \_ exos, tenfr\_vouro, tinf\_sem. lamp\_ see); adoled noules [i]: addArrays (interals moules [i]. cie-moules, external\_moules. [i]. see\_marks); Sexten, out. putle (" DATA DETAILS (a"); Apr. (nt 2=0; 2 com; 2+4) § System. out, perthal "student" + (i+1), ?; interest = macks[i]. display (); escleral\_marks[i]. diffag(); System. out. printly ("Jobal: "- Arrowys. to Strig (odded\_nosts(e));

temp - see: from biting 2 trong (gd, next

~~/°/>

```
Enter the number of students:
2
Enter the details(USN, Name, Sem, ciemarks, seemarks) of Student 1:
1bm19cs228
Pranav Sastry
40,50,35,45,50
90,89,90,100,90
Enter the details(USN, Name, Sem, ciemarks, seemarks) of Student 2:
1bm19ei037
Sastry Pranav
35,40,50,30,40
90,90,89,90,100
***** STUDENTS DATA ****
Student 1:
USN: 1bm19cs228
NAME: Pranav Sastry
SEM: 3
CIE MARKS: [40.0, 50.0, 35.0, 45.0, 50.0]
SEE MARKS: [45.0, 44.5, 45.0, 50.0, 45.0]
TOTAL MARKS: [85.0, 94.5, 80.0, 95.0, 95.0]
Student 2:
NAME: Sastry Pranav
CIE MARKS: [35.0, 40.0, 50.0, 30.0, 40.0]
```

SEE MARKS: [45.0, 45.0, 44.5, 45.0, 50.0]