Create a package CIE which has a classer Student & internals. The dans Student has manbers like usu, name, sem. The law student has an array SEE which down the class Enternal which is a derived class of Stult & has the away that show the woods scored in the SEE. Import the Packages in a file that delan. The final marks. package CIE; impost java while . public dan Student public out sem? public Storing vou; public String hame; publi void get dais () Scanner sc= new Scanner (System.in); System out printly ("Enter the sem, usu, name); sem = sc. next Int (); vsu = sc. next Line () name = sc . went live ... package CIE; impost java vhil. \$"; public class Internal int mortes[] = new Int[s]; System on point of both fort (i to) i kt first (Entople monte for course tive)), markets = sc. negotated)

```
package SEE:
  Import (E. T
  public class Enternal enternas Student
     public int entornal [] : new Int[E],
import jova. whilet;
import CIE. 4;
impost SEE. +
public class Final
    public static void main (String args())
          Scanner sc = new Scanner (System.in);
         System. out. printlu ("Ente ");
                                                   publicant for [3 = new Int [5]
          int n = sc. newl Ind();
          Enternal st [] = new Enternal[v];
          Intornals still = new Intornal[n];
          5001 (mt 1=9/10/11+4)
            CIE. Internal: = new Internals();
             SEE. Enternals = new Entornal();
             System.out. printly (" Ente details of student" + (i+1);
             stCiJagetdetails();
             for (int j =0; j <5; j +t)
                 System out printly " Ent internal benternal marker of studit"
                 +((1+1));
                 st[i] monks[j]=sc. nentInt();
                & [i] . enternal [j] = sc. next Int()
                 July 3 = st [i] marks [] + s[i] external []
```

System out printed The final mark of stock + st[i] name for (mil a sora < 5; a+4) 5 y show out puntle (" Course " + (a+1) + " " + for [13); Aborithm Step : viente parkage al with doss Student containing sem, usu, name as dota off create a method get details to occept new input. Step 2: In parkage cit, of create does internals which contain armay marks Step 3: create package SEE which has away external & inside the class Step 4: create class tried with main method & import at & SEE packages. Step 5: get input of u. box (inti=o; i < n; i+t) get the details of stade still get details (); A por (int j=0:jes:j+1) get input of intered & enternal mouths stid mont gd =schentid(); scid outerally = schentid(); but jd = st Cot man Gd + scid + outerlyd;

etep 6: display the final mal-

Oudput. Etu Enter of Lands of student, Ente sem, usu, uana 1 BM 27 CS 004 Abhivar Entreinternal & enternal man of student i 20 20 to wo 50 30 30 35 The ful mal of Studt Able couse 1 40 WUNSE 2 000 60 court 4

```
C:\Users\Admin\Desktop\CS-013\Java>javac FinalMarks.java
C:\Users\Admin\Desktop\CS-013\Java>java FinalMarks
Enter the number of students
Enter Details of student 1
Enter the student's USN,Name and Semester
13
Adi
Enter Internal Marks and Semester End Marks of subject1
15
60
Enter Internal Marks and Semester End Marks of subject2
16
50
Enter Internal Marks and Semester End Marks of subject3
17
50
Enter Internal Marks and Semester End Marks of subject4
18
50
Enter Internal Marks and Semester End Marks of subject5
19
50
Final marks ofAdi
Course1=75
Course2=76
Course3=77
Course4=78
Course5=79
```

C:\Users\Admin\Desktop\CS-013\Java>