Lab program -8

Create a packages CIE which has two classes student and Internals. The class personal mas members like usn, name, sem. The class internals has an array that stores the internals marks scored in five courses of the current semester of the student.

External which is a derived class of student. This class has an array that stores the SEE marks scored in five cources of the current semester of the student. Import the two packages in a file that declares the final marks of n students in all five cources.

A) public CIE; Import java. util*; public class student.

scanner sc = new Scanner (system. in)

public string us N, name;

public int sem;

public void get data()

System out printin ("Enten usw, name and sem");

usn = sc. nextline()

name = sc. nextline();

() midning ing indicate server server

4

```
public void disp comparer day
                             in pac varges
  CIE which has two classes
    145 CHOS 12,250,2011
   System. out, printer ("Name, J" themes)
       system. out. println ("USN non" + USN)
               System out puntin (1818m " + sem)
            marent sencester of me shillent.
 another package 'station and modern
    public class internal extend student
    public class iring.
     suit on boxose Scanner SCE. new Scamer Coyse
interview in to reserve public int smarks CD = new mt
John still a di espession out get datal) quis
declares the final marks of a students in
                     { superinget data();
                       System. out. pm/lmc" enter more
                                       of SCIET
                       for (intizo, iss, itt)
                       { imaghs [i] = sc. next Intl)
           Francis Mr. Link - 7111
         public void dispid
                      System.out . print L"ZJE mark"
        for (int i=0, ies, i++)
                       System out println Cimarks tilt
                        system.out.printin()
```

```
package SEE;
emport CIE. internal
 import java. ufil. +;
 public class external +nt extends internal
       5
          Scanner SC = new Scanner (system.in);
            public int emarks[] = new int [5]
                public void getdata()
                          super , get data()
                  System out printly (" Enter 5
                    subject marks for see ");
                10 (int 1=0,125;1++)
                           emanks [i] = sc.nlx+Intl);
             public void disp()
                        system out print ("See marks)
                          10r Cinti=0; i<5, i+t)
                 system, print out print (emarks Ei] + "");
                          system.out. print in()
```

```
import CIE · student;
Import CIE. Internal;
import SEE. external,
  import java. util. x;
 clus exam
        & public static void main ( string augs ()
                Stanner SC = new Scanney
                                  ( system. in).
      System. out. println (" Enler number
                    int n = sc. newtint(); of shuden
                      mt sum [] = new int[s]
                 external e [] = new external ij
        (or ((int i=0; i<n; i++)
                     eci) = new externat();
then the time ctiJ = getdala (1;
      system, out. println ("Final marks of
Pand try. 1. Cars many
                               Student + (it) 7"
                                            11)
             101 (inti=g=0, 3<5, 3++)
                   Sum [i] = e[i]. emarins[j]t
                              C [i ]. imarks (1)
               System. and, printin (Sum Ci J+ 11 17)
```

```
·oulput:
Enter Student I details
 Enter USN, name and SEM:
1BM21CS 003
 Abhinav
 3
 Enter RIE marks of 5 subjects:
 40
 70
 50
 60
 80
 Enler SEE marks of 5 subjects;
  70
  60
  35
  45
  Final months of student in CIE;
                                          300.
```