Greate a prackage CIE which has two dawn Students & Antionals. The class Student how members like uso, name, sem. The class internals derived from Student has an array that stores the internal marks scored in five course of current semester of the student Import the two packages in a file that did declares the final marks of n students in all five courses.

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Program -

11 Internals. java package CIE; import jana silil. Scammer; public class Internals extends Student 1 protected int marks [] = new fint [5];

public Internal () 1

public word imputer Emeanks () ( Scanner scammer = new Scanner Bystemille System. out. println ("Enter Internal Marke for " + name); for (int 1=0; i < 5; i+) {

System Out println (" Subject " + Citils marks: ");

marks [1] = Scannen musct Int ();

Date \_/\_/\_ 11 Student . jana package (IE; import jana rilil . Scanner; public class Student 1 protected String um = new String (); protected string name = new string (); protected int sem; public void input Student Detail 1) t Scanner Scanner = new Scanner (Systeman); System out pointly ("Enter elso:"). Elsn = Scannen mext O: System out print ( "Enter Name: "); name = Sianner, next (); System. out. print (" Enter Semester: "); Sem = scammen ment (); Public word display Student Detrile () {
System. out. println (" ELSN: " + USD); System out println ("Name: " + name); System out println (" Semester: " + gen); 1 External java package & SEE; import CIE, internals; import jana retil Beariner; Public class External extends Internals &

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Page
protected int marks [];
 protected int finalmanks[];
 public Externals () 1
    marks = new int[5];
   final Marks = new int [5);
 public word imputSEEmarks () (
    Gearmen seammen - new Scanner (System)
    System out printle (" Enter SEE marks for
                             + name);
    for lint i=0; 1<5; 14) {
      System.out. print ( "Subject " + (i+1)+
             55 marks : ");
      marks [i] = seanner. nextInt ();
public void calculate Final Manks (S)
    pa (Int 1=0; 1<6; "H)
      final Marks [i] = marks [i] 12 + super.
                    marks (i):
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mont SH. Extranals; the class upin c public static unid main (string angua)? int numofitudinti = 3. Extende final Marks [7 = mur Externale [mumofstudente]; for (int 1=0; 1 < numeratedente; He) s EmalManks [1] = muor Extenmale(); unalworks (1). imputstudent Detaile (1); System out println (" Entir CIE marke"); cinal Marke Cid. imputar Emarks (1); Byetin cut println (= Entin SEE mortes) final Marketis. imput SEE markels; System out println ("Duplaying data: 10") for Cint 1 = 0 ; 1 < numeristudents; it) ( final Marks [1] . calculate Finalmarks U; zinalmanks (1). displayEmalmanks (1); output :-Enter usn: bosson Enter Name: XXXX Enter Semester: 3 Enter CIE marks. Enter Internal works for xxxx

Subject 1 marks: 45 Subject 2 marks: 40 Subject 3 marks: 30 Subject 4 marks: 20 Subject 5 marks: 50 Enter 3E marks Enter SEE marks for XXXX Subject 1 marks: 44 Subject 2 marks 39 Subject 3 marks: 47 Subject 4 marks : 38 Subject 5 marks: 50 Enter usn: bms000 Enter Name: YVVY Enter Semulter: 3 Enter CIE marks Enter Internal Marks for YVYV Subject 1 marks: 39 Subject 2 marks: 47 Subject 3 marks: 42 Subject 4 marks: 28 Subject 5 marks: 40 For Enter SEE marks Enter SEE marks for YYYY Subject 1 marks : 44 Subject 2 marks: 50 Subject 3 marks: 48 Subject 4 marks: 38 Subject 5 marks: 35

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	Semisten: 3	7	The state of the s	11 15 10
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