6. Create a packag cre which has two CLARRER - Student and Internal The clare Peoronal har members like usn, name sem The class Internal has an array that stored the Internal marks scored in Fig course of the current seme of the student create another packages let which has the crass exprism which is derived class of student this class has on ocools that stores the semarks scored in fire course of the current semester of the studet. Impost the two packages in or file that package CIE; import java. wil . Scanner; Public class student Private String name ugn' private int semester; Public studentill y Aublic studed (String usn, string now, int semester) this. usn = usn; this. now = name this. semester = semester public string getnam () { return nau; } Public string getusno ( return usu; 3
public out getsemertere) { return severt Public student (Student S) this. nau = s. naw; this. bsn = s. usn; this. semester = S. semester; &

Package CIE; impost java. wild. Scanner extends student Public class Internals Privale Internal Parting using string now Private inter marke; int semester, int markec) super (usn, name, semester); this marks = marks Public Static Internals getnew Instance Off) Scanner sc=new Sconner (Systemin) System out . Print ("Enter Student details & assar of the wastry,), stoing usn = sc. next 11. strip(). to uppercasely name = Sc. next() String int semester = sc. nest Into inter matics = new Inter); torcint (=0:12marra langth 31+1){ mark& Ci] = Scinex+Intl scinesetlinec); Internals (usn, name, semeste) marks), Public Static Internal 9 get New Instance 06 (Student s) scanner sc=new scanner (srx+em, in) SYRtom. out. Print In ( "Enter CIE mark) details int marke [] = new intcs]; forocint iso; icmarks. length; itt){ markaci] = sc. nextent (); Sc. nectLines; geturn new Internals (8, marks) subsice int getmarks (Int ;) { return moskeri7:13

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Private Internal & ( studed &, inter masks)
       super(s);
       this moises maske; " he had
     Public Inernals (inte) marks)
                   STRUCTURE DE MENTE DE
       THIS . MOINES = MOINES
 MODEL CLOSE!
   ion External
   impost javo, util. scannet
    rmport C76* SOURCE CHORESTO
   Public Clark External extends student (
   was private inter marke (1412 may be in marke)
        Private External & Cstring usn, String naw, int
   semestly sout a marked ( suppression )
          sup(1(5), 1/1/1/55
        +/ this marks = marks'
             Externode
    Public Static man get Newsnatance 060 (
         Scanned Scanner (System.in);
          System. out. printan ("Enter", Studet details and
          String usn = Sc. next(). Strip(). to upper care.
           Stoing name = sc. next(),
            int I semested = Sci next()'
        inter masice = new interj
           too (int 1=0) it marks . length ;
            ( marks [i] = Sc. nextInt()
            sc. next line (); External (us n, now, semester, ma
                     -8KR)_
1
         3
         Public Static External & get New In Stancrof Cotos
          scanner sc = new scanner (sxx+em.in)
          System , oud . Print ("Enter SEE morks detailsi"
          inter marks = new inter].
          forcint i=0; i < mouter. length; i+1) {
                 marke (i) = sc. nextlit ().
             scancottines,
                          External (smarrer)
             blic no getnasky (intil 1 return many cits
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main classing prince the peterskiller the
 IMPORT CIE.X'
 import SEEN
  import dava will scamp of som a strong will
  class mains
   Public static void moun (string argacing
     Scanner sc=new scanner (Syxtem.in);
     5.0.0 ("Enter the number of studets")
      int n = SC. nextInt();
      Internal ?[] ai = new Internal ?[n]:
      Externals I) as = new Externals cn]
       int() regult = new int(s); lourness
       for (int i=0', icn; i++). {
            ailid = Internals, get New Instanceo 6();
            acci) = External ? gt new Instance of (acci)
                             1129 - 85019 - 30010
  tox(in+ i=0', icn ', i++){
         5.0.P ("USN:"+ aici). getUSNU+"It Namen
        aiti) gername() + "+ semester ())
         5.0.P ("Internal ") ( ) Them When we will have
        1000(10+j=0) 1(+ic2)ic 0=j+n1)00+
          5.0.p (aiti) getmarke (i) +" (+").
   seems [1] = aici) [ germarke(1)
         Sc. close() in Intering the inverse
    90
    Enter the number of students: 1100 of CIE marks
      enter USN: 24BECSHIS
      Enter name ; suchanth
      Enter Semester: 5
      Enter CIE marks : 20 18 15 22 19
      Enter 5 500 marks ? 60 70 65 55 75
      Studies marks details
    US N : 24BECJUIT Norme: John Semerter: 5
     CIE mades: 20, 18 100 15 22 19
     SEC MOITER 60 70 65 55 75
     Final marks : 50 53.0 58 49 56
                      = (1) taron
```