LAB-6 program to manage student marks with internal 4 external assersment using nackages. public dass student Package CIE; < protected string um, many transfer to the string is protected string name;
restected int sem; restected int sem, public student (string us, string name, but sem) this hame , name; ( this ion = usn; this . sem = sem; mustice string getusn() < rearly uses; rustic string getname() 1 How name; rustic string getsenc) tetren Sem; package CIE; pushic class Internals extends student T private int 13 intermalmalks; public Internals (String usn, string name, int sem, int () intand Marks) superturn, name, sems; this. Internal malks: internal marks; public int [] actIntelnal malks () ( return internal marks;

Package SEE; 5.0. skin import CIE. Student; rushic class External extends student I private int [] external marks; rublic External (string usn, string name, int sem, Int (1 external Marks) I super Cusa, name, sem; this external marks 2 external marks; nuslic int [] getExternalMarks() < retner enternel marks; impolt CIE. Intelnals; import see. External; import java. noil scarra; pushic class final Merks Calculator L rustic static wid main (stling [] ags) ( Scanner scanner 2 new Scanna ( system in); S.O.P ("Enter number of students: 1); ent n 2 scanner neut Int (); Internals [] internal students a new Internals [7]; External C3 Enternal Students 2 new External [n]; for (int i= 0; TC n; i++) of s.o.p("Enter details for internal student "+(i+1)); S. O. P ( " USh "); Itting usn 2 Scanner. Went ();

3.0

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5.0.P ( + Name : +);
 steing name: scanner. next(1)
 5.0.p (" semester");
  int sem : scanner. went Int();
 ent () internalmarks = new ent (5);
  SOP (" Enter Internal marks for 5 courses");
  for Cints = 0; 1 = 5 ; j++)&
    enternalmants (j] : scarrer. nentint();
 Pricenal Students [i] > new Internals (usn, norme, sem, intend
for Cint (20; ic n; i++)
I s. o.p("Enter details for External study "+ (i+1));
  S. O. P ( 4 USN 4);
  String usn & scanner next ();
  5.0.p ( 1 Name 11)
  String name 2 scanner, next ();
   System. out. print (" Semester");
  int sem , scanner, nent Int ();
    ent [] externalmalks = new ent (5);
    5.0.p (4 Buter external marts for 5 wulses: 4);
   for (int 1'20) je 5; j++)
     External marks [i]: Scanner. nent Int (1;
    external students [i] 2 now External (usm, name, sem,
                                 entlinal marks);
    S.O.P(" Final males of Students 4):
    An lint is osicns (++)
   ( s.o.P ("Studet "+(i+1)+" " + interelstudits[i]
                                           getname());
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() Enter number of students: 1 enter details for Intered student 1 USN: 1234 Name: aarusha sess. Semeste: 3 Enter Internal Marky for 5 courses: 145 - constant a constant pents protest of ares 035 toll constitute a promption and end at ence details for Extend studit 1. Name: acrusha Semester = 3 Enter conternal marks for 5 contres: their alonghapereappear mands 95 96 countries provided interprise interprise when I 947 89 85 92 Final Marks of Students: Internal Marks: 45 43 42 40 35 External maies (scaled to 50): 47 48 44 42 46 Total Mays: 92 91 86 82 81 Seen 13

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displayfindmarks (internal students [i] get Internal marks ()
                                                        Bother
                                                        enter
                enternal strictes (1). getExternal Markey.
                                                         USN
                                                        Name
                                                         Semes
    Scanno-close();
                                                         Buter
 private static void displayfinal Marks ( ent [] internamage
                                                          45
                                                           43
                       ent [] enternalmans)
                                                           42
                                                           40
     5.00 ("Internal mary ");
                                                           35
                                                           end
  for Cint malt: internal marts)
      ( 5.0.p ( malk + 4 ");
                                                            N
                                                            Se
                                                            En
 S. O. P[4 External marks (scaled to 50): 4);
                                                            95
 ent [] scaled External males = new int Cexternal makes, length
For (int 1=0) ic enternal mosts, length; 9++)
& scaled External marks [i]. Centernalmarks [i] 50/100:
  S.O. P ( Stated Extendenalts [i] + " ");
 S.O.P( " total Males ");
for lint 120; Pc internal Marks. length, i++)
                                                         Seen
 1 int total sinternal marks [i] + Shaled External maris[i]
  S.o. eltotal + "");
  s.o.pln();
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```