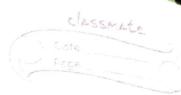


Scanner & = new Scanner (System.in). System out-printly ("Enter the number of embjects: "); t=s: next Int(); credit = new int (t.): cie = new int [t]; System out front in ("Enter credits & are marks out) 50) attained by the student in each subject) for (int 1=0; ict; 1++) condits (i) = S- next Int (); ac (i) = 2. mxt Int () Class Exam extends Test { int see (); & void read () Scanner a = new Scanner (System.in) see = hew int (t): System out prints ("Enter SEE mark of student in each subject (out of 1001"); for (inti=0; izt; i++)

[su (i) = a. next IN(1),] class fæsult extends Exam E int morarks (]. double calculate () marks = new int (+); int top=ogte=0; for (int i=0; ich ; i++) tc = tc + credits (i); marche (i) = ac (i) + ca (i) /2; if (morchs (i) >=50) top = top + (((roather (i) (70) +1) " (redits (i)); che if (marks [i] = 40 45 marks [i] < 50) tcp = tcp + (4 x coordins (1)) return (double 1 top/to;



class Main & public static void main (String ange ()) Samer SS = new Scamerus (system in) System out point ("Forter the number of students.) int hass next int (1) studenta (a) = nut student (n); Fest b [] = new Test (n]; Example () = nur i = ram (n); Result a() = new Result(n); Ar (int 1=0; 12 n; 1+4) a(i) = new Student () a (i). details () b (i) = nur Fort () b [i] = accept () c (;) = NOT (xam ();) e(i) = reader; d(i) = new Ruelt (1. System-aut- frintly ("SGPN of Student" + (1-1)+" is : " -d (i). calculate ())

import java . util . * ; abstact close PLAYER String hams; int mostches, played; double overage abstract void cal average Certify, when, it is class BATROMAN extends PLAYER int "runk_scored" void cal average (Stong x, inty, int ?) matches played = y', runs scored = 7; avarage = (double) runs - scored (mother played System out prints ("The aug seems sweed by" + rand +" is " + avarage) class BOWLER extends PLAYER nevip - 2 nur tri void cal-average (Strong a. intb, int c)

motehns played = 5. runs given = C; arrorage = (double) nuns-given (mother-played) getom aut print he ("the any runs given by "thame +" is + average); class PLAYERNAMEL public static void than (String arras ()) int m, n, i; Scanner SC= new Scanner (system. in). System out mint m ("Enter the number of Boutlers & batsman reputitely) m = ss. nextInt (); h = ss. next Int () BATSMAN BA () = num RATSMAN (m); fx (i=0; icm; i++) BA (i) . name = Ss. next (); BA (i). mothus played = SS. next Int (); BA[i]: runs - scored = 88. Ment Int ();

BOWLER BO () = NOW BOWLER (N); for (1=0; ich; it +) BO(i) = now ROWLER (1) System out a print in ("Enter the name, number of matches." played, & number of runs given by Bowler" + (i+1)+" BO(i) nam = 22. next (); BO (i). matches played = SS. next Int (); BO(i) nums-given = SS. huxt Int (); for (1=0; ic1; i++) BA (i). cal-average (BA (i). norm, BA(i). moldrusplays BA (i) rums - scored; for (=0; 12n; 1++) BO [i). col-average (BO(i). name, Bo(i). matches played, BO [i] - runn-giran)',