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	il del tre mare el deserva da Antidativa de la companio
Q.	Perogeram to implement packages.
	ENDERGE AND COURT FAT RUMBE
Ans (i)	Student jana ! I will be to the state of the
	1 ++1 1 d > 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	package CIE;
:(import java util Scanner; public class Student &
	Public class Student E
	protected String usn = new String ();
	protected String usn = new String (); protected String name = new String (); protected int sem;
	producted int sem;
	frublic void infrutStudentDetails () { System out fraintly ("Enter Details of Students: ");
	System out prently Enter belows by sudents.
	Scanner s = new Scanner (System in); System out fraintly ("Enter USN:");
	System our found Enter USIV.
	usn = s. nextLine (); System.out: pointly ("Enter name: ");
	name = s. nexthine ();
	System out fraintly ("Enter Semester: ");
	sem = s. nextInt ();
	() Common of the control of the con
	fublic void displayStudentDetails () { System. out. println ("VSN:" + usn); System. out. println ("Name: " + name); System. out. println ("Semester:" + sem);
	System. out hourtly ("USN:" + usn);
	System. out. frountln ("Name: " + name);
	System, out frintly ("Semester:" + sem);
	3 Gri miter Demand with the segment
	5 Chairdan Millian Millian
C	The state of the s
(113	Internals . java !
	package CIE; import java. util. Scanner;
	unport sava. ull. Scanner;

	public class Internals extends Student ?
	' protected int marks[] = new int[5];
	public roid inputCIEmarks () {
	Scanner & = new Scanner (System in);
	Scanner s = new Scanner (System in); System out println ("Enter the marks for 5 subjects:")
	for (int i = 0; i < 5; i++){
	System out . Avrintly ("Enter the marks for
	System. out. println ("Enter the marks for subject" + (i+1)+":");
	marks [i] = s. nextInt();
	3 () aniste and - sea cannot blocked
	modelled String name - man String O. E
	3
	2 O show this is the state of the right of
(iii)	Externals jana:
(Contract of the Secretary of the Contract of t
	hackage SEE;
	hackage SEE; inhort CIE. Internals;
	import iana util Scannor:
	mulder class to loginals enfonds integrals 7
	perotected int mariks []; perotected int final Mariks []; fullic Externals () &
	recotected int final Marches [];
	Fullic Externals () &
	magule = new = mint 5 i
	final Marches = new int [5];
	(Grang & " : most) although the mother
	fullic void infut SEE marks () {
	Scanner & Frew Scanner (System. in);
	Just (int i = 0; i < 5; i++) {
	Scanner & new Scanner (System. in); for (int i = 0; i < 5; i++) { System. out. printer ("Subject" + (i+1) + " marks:"); marks [i] = & next Int ();
	marches[i] = s. nextInt();
	3
	3 to make de
	frullic void calculate Final Marchs () {

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from (int i = 0; i < 5; i++)

frinal Marches [i] = marches [i]/2 + super. marches[i]; public void displayEinalMarks () {

displayStudentDetails ();

from (int i=0; i<5; i++)

System. out. frointln ("Subject"+(i+1)+":"+

frinalMarks[i]); (iv) Main. java: il topular real release import SEE. Externals; class Main { Public static void main (String 20198[]) } int num Of Students = 1 32; Exterinals final Marches [] = new Externals [numOf Students]; from (int i=0; i<numofStudents; i++) {
final Marches[i] = new Externals(); frinal Marks [i] m infut Student Details ();
System. out. fraintly ("Enter CIE marks");
frinal Marks [i]. infut CIE marks ();
System. out. fraintly ("Enter SEE marks");
frinal Marks [i]. infut SEE marks (); System. out. println ("Displaying data: \n');
for (int i=0; i < numbly Students; i++) = {
 funal Marches [i] * calculate Final Marches ();
 funal Marches [i]. display Final Marches ();
}

Output: Enter details of students: Enter USN: 1BM22 CS181 Enter Name; Nikhilesh . C. Enter Semester: Enter CIE marks Enter the marks for subject 1; Enter the marks for subject 2: Enter the marks for subject 3: Enter the marks for subject 4: Enter the marks for subject 5: Enter SEE marks Subject 1 marches: 97 Subject 2 marks: 92 Sulject 3 marks: 95 Subject 4 marks: 89 Sulgict 5 marches: 78 sexter details of student Displaying Data: USN: IBM 22 CS181 Name: Nikhilesh C Semester: 3

