(a) Create a package Cit which has two classes - Student by automaly.

The class Student has member like usn, name, sem. The class

Statents borragasters anternals derived from student has an array.

Heat stores the internal marks stored in five courses of the

Cerrent semenster of the chident Create another package SEE

cerrent semenster of the chident is a derived class of student.

Which has the class External which is a derived class of student.

This class has an array that stores the SEE marks scored in

This class has an array that stores the SEE marks scored in

five courses of the current cenester of the student support the

two packages in a file that declares the final marks of

n students o in all five se courses.

onlygs Account Schooled

a 757 babby tradil

6 00) majorhallow

Charge Lecount Type

I. Savings Account

E linear known

Rolance: Weldler 10235.9

Source Code

CIEI Student. java

pachage CIE;

import java uhl. Scanner;

public class Student ?

protected string usn;

protected thing name;

poble soud de

public void input Student Deleils CDE

Scanner sc= new Scanner Csystem.in);

· System out pout In (" Enter USA!");

usn = sc. new Etatoling new (Line ();

System out month ("Enter name: ");

name (= sc. nest Line ();

System out println (" Enter semester: ").

sem zsc. next Ent().

3

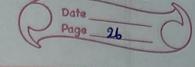
public void dip by Student Details () & System-out- println ("USN: "+ usn); System out pontlo ("Name " ) + name); System out prutter (" sewester: " + sem). seckarlia [i] - Sc. Mextur (): CIEl Internals. java was land delistas have side package CIE; ? (H) (H) (1) (1) (1) import java util Scanner. public class Enternals extends Student & protected int[] internal Harles = new interj. public void input CI Emarles C) & how sold up Scanner & = new Scanner (System in); System out pruttin (" Enter Enternal Marks for 5 subjects: "); for Cint i=0; ile; i++) Sustan out mulmi Subject 1+ (EH) + System out-printh (" Subject "+ (i+1) +":"); internal Harles [i] = sc. nest out () ? invocit java white scanner upper SEE: Externals: SEE/Externals. java pachage SEE; 3 (1800 (3 MM2) Missin how sitate Silver import CIE. Enternals; MASS COSA - 2 MANORE Empost java util Scanner; public class Externals extends Bedelit antirnals () { protected intel see Hastes = new int (5); protected int [] final Marks = new int [s];

Page 24

public void input SEEmasles () { Scanner sc = new Scanner (System in). System. out. println C"Enter SEE marks for 5 subjects: 4); for (inti=0; iL5; i++) { System out-println ("Subject" + (i+) +" "); see Marks [i] = Sc. next Ent (); public void calculate Final Marks () [ for (inti=0; ilt; itt) { final Marks [i]= internal Marks (i) + see Harks (i); public class Rutermals extends Student E grote ched with I where Harly = new cutted. public void display final Mashs () { display Student Details (); System out print In ("Final Marks for 5 subjects: "); for Cint i=0; i(5; i+1) &

System.out. pnuth ("Subject "+(i+1) +":"+ fruit Marketis) System out printhe (" subject " + (6+1 30 tutoreal Eiden St. neet tet 108 import java. uhl. Scanner; import SEE : Externals: class Hain & { public static void main (String () args) { Scanner sc= new Scanner (Systemin); System out pout ("Enter number of shedents."); out no sc next Ent (); Externals [] was External shelent = new Externals [n];

for (int- i=0; i< n; i+1) { System out-poutin C" In Enter details for student "+(c+1)+":"); stredents (i] = new Externals (); Shidents Ei]. input Student Details () Students [i]. in put CIE marks (1; Students Ei]. input SEEmastes (). students [i]. calculate Final Harks (), System out printly ("In Final Marks of Structeuts: "); for linti-o; e(n) itt) { System out muth ("In student " + (i+1) + ":"); students [i] display Final Hastes (1) 18: 4 JUSTELD Output Enter number of shiders: Enter USN: 1BM23CS003 Enter Name: Aaron Enter Semester: 3 Enter Enternal Harles for & subjects: Subject 1: 45 Subject 2 46 Subjects: 47 subject 4: 48 Subject 5: 49 Enter SEE Marks for 5 subjects: Subject 1: 45 Subject 2: 46 Subject 3: 42



	Subject 4: 48		
"+1193)	Subject 5: 49		
	Started CT = New Extension ().		
	Final Mashs of Students!		
	students [i] in put CIE manto (1)	10.37/3	
	Student 1: (1) who was 32 digni. [12 disable)		
	USN: 1BM23CS003		
	Name: Aaron		
	· Senester: 3 & shalf langer of allowed has motive		
	Final Karles & for 5 subjects:		
	Subject 1: 90 " historial" valling the way		
	Subject 2: 92 Jan 19 Jan 18 Coldward		
	Subject 3: 24		
	Subject 4:96	9	
	Subject 5: 98	3	
1			
0 10		Cala!	

3/11/84

Enter number of chilech 1

CHY USW: NEMOSCOCOS