(2) White a jave program to oreate a class stident with members USN, name, marks (6 subjects) Include methods to accept student details and marks. Also include method to calculate are ferdentage and dispeay appropriate details. - mport java util scanner; class var_1 { String name, USN; int[] marks = new int[6]; float grade = 0 Scanner Sc = new Scanner (System. in); 4 () tunpor bion System. out. pointly ("Enter student name:"); manne= sc. nent(); System. and printly ("anter USN"); UBN = sc. neut(); for (int i=1; i=6; i++) {

System. out. pointln("Enter mark of "+i);

marks [i] = sc. neut Int (); uoid grade() {

for (int i=0; ix6; i++) {

grade t = marks [i]; System. out. printer (" student name: "+
"m USN+" \m (yeads = "+ grade);

public does student & public static used main (String orage) & System and faintly (" Ender no of statute) Scanner se · new Scanner (System in); int mose now Ind (); vars-117 students = new vars-11m3, for (int 1:0; i/n; i++) & students[i] = new vars_1(); student[i] · infut(); System. gut fountly ("Results"); for Lint i=0; isn; is+) { studento [i] · grade();

y

LAB-2 (2) breate a class book that contains 4 members. name, author, price, and numpages Include a constructor to set values for the members.

Include molhods to set and get the details
of the objects. Include a tostoring() method
that could display the complete details of the book. import java util. "; lass books { String author, name; int pice, numpages; books () { 3 books (Steing name, String author, int price, int this author = author; this price = pouce public string to String () String author, name, price, numpages mame = Book name: "+ this name +" \n" aultror = "Author name: " + This author + " n", price = "price " + this price + " m"; munfages = "no. of jages" + this munfages + " reliver name + auttor + poice + numbages;

hogram 5:class mains public statue word maine) Abstract class shape a double a; Scanner 6: new Scanner (system in) · double b; String author, name; Shape (double a, double b) of int memorages, porice; this a = a; System out point ("anter the no. of this b = b; abstract double point Area (); n=s.mentIntO; works LEJ: Class Redangle entendo shape? b=new books[m]; for (int i=0; kn; 4+) Redange (double a, double b) & sufor (a, b); & System. out. point ln ("Books"+(i+1)+":") System. out. print ("Enter name"). double printages Of manso = s.new(); System. out. Joint ("Enter author"). return (ax b); author = 5. neut (); System. out. print ("Paice: "); class triangle entends shape & price = 5 new Int(); Triangle (double a double b) & System. out print (" no of pages"); super(a, b); bili] = new books (name, withou, faice, double printageans return (att = 0.5); for (int i=0; (10; i+1) System. ord. print ("Book: "+ (1+1)+"m"+ (1) class will entends shape of wich (don't a, don't b) ? sufer(a, b); double printing () & returnea + * × 3.14);

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malic class Run (Parogram: 61:
D. May Static word mounts	The state of the s
Rectangle (10 20)	improved java citile scanner the
triangle 1 : new triangled 20,10),	class naout
arily c = new wird (10,3);	string chame;
Shale 5;	strong aucno;
S=6;	string acture.
5.0.p ("In area of red. "15. print Drea)	double bal: Proper come states
5= 1;	public word deposit (doubt ant) &
50 PE 1 The was of treangle v"+ 3. printers 1)	Lan a san b
S=(;	20fil 'Peported Balance: " + belone);
Sop ("The area of vircle is: "+ S. printe real);	16 to the second second
Villa Villa	Public nois displayed () {
y	30 ("Balance -" + bal);
010	3, 1,
9/2:-	y '
Δ Δ	cease we then entends Account to
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Ages of trings: 100	Public noid deposed (double ant) ?
Area of will = 314	super deposit (anal);
	minBalO .
	- State of the sta
	Rullic moid diplayBall d
	super den lay Bal (7;
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	Public word min Bal (? 1
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11.00	y ('bal'< mirbal) f bal -= service charge; Gof (balance);
	2 (valence);
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class Saw-areas mounts	Dougram 7:
double inserted eats,	
fulte wind and interest on a	Parkage CIF;
double interest = lead = interest tody	& Public class student Com
half interest;	Spring USN;
Sofi (balance);	string name;
3	int sem,
Rubic word displayed (7 8.	y because the
sufer dispaybal(); 3	Package as;
Rullic wind withdraw (double and) ?	Day Public class Internals, enternes student f
y cant <= loly c	int [] internal Marks new int 75];
Usl-and;	B. Work'
else & soft(bat); y	Package SEE;
else L	import CIE' Student;
3 of ("inefficient");	Public class filmal entends Student of
y ' N	int [] 'ortindules - new int[5];
	€ 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
indian, in the same and	import cff Indemals
	import see Externals
Public daps Rung	Public class main f
Poum (a)	Public static word main () f.
Scanner S: new Scanner (System in);	Internals Student USN- 16 M22 GOOT";
worked (1: new work of).	: Internalostudend : name: "Jonay";
a deposit (2mm)	Internals Student. Som 5;
d. display Bull.	Internals Strant internal Marko naw []
Sau Aa 5): new Sau Act (,)	\$ 80,75,95,90,70g.
W. Christian	Estorial entstud = new Entimal();
d. duylay Bal ();	" entetud. USN ="18 m 22 c500 2";
Soft ("Enter wildel que:");	ent steed "name = " Jane";
double withdal and : Scarry or or and	entstand som = 5;
S1: without (withdel-amt).	ant sund entmarks = new int[] 6, 70, 65, 75
author lal.	80,654
& Jan	3
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Perogram 8:		B Public gotsonAge() {
· · · · · · · · · · · · · · · · · · ·		antina con A o :
class wrong Age entendo Emplion		return sonAge;
hubble wrongs ge (string message) of		1.
class throughge entende trop message) of public through ge (string message) of suffer (message);		Public class main &
4 · · · · · · · · · · · · · · · · · · ·	tow	Public static wind main (2)
4	NAV.	
claso fatherd		by (
int one.		Softn ("Name: Mardar");
Public Father (int-age) through		father f = new Pather (95);
in Cage 20) 2		Soften ("fathers age "+ fratager);
- Wrow new Worong Age		300 3 F new 5 m (45 50).
("Age annot be -ve")		system ; out pointer ("Son's age:")
J trace		si gesonage)
		catch Werong fig a) 9.
this age = age;		Sophia ("Enception caught "+ 2.
Public unt get Age (7) (,	get Mew ();
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reliven age ;		4
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class son intends father 6.		
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	- 4	Profit and the Siena of
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hvan new lunga Age "Son's age		
anity another or qualte		· · · · · · · · · · · · · · · · · · ·
bathur's goe"):		, ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
J		
This, bongar - son Ago.		
Unav. new Useng Age "Som's age "an't le greater or qualte bather's age "); This, bondage - sontage;		

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	Program 9	Arogram 10 a:
	closes Disponenciae entends Thread &	import java anot >;
	int internal i	public class Aut Frample entends windowAdapted
	Public Dispressage (soung mussage, int	Frame F; ANTENAMENTE
	· this message: message;	E. additionablisoner (this):
	· this internal : internal;	label e new lable! 'Employee id: '); Buttont new Button ("sulmit");
i fa a Ayri a mara	Public word sunt !	Entfeild to new londfeld ();
	while (true) ! softm (message);	Q. cetBounds(20, 80, 80, 30);
,	Thread sleep (mitured); 3	b set Bounde(100, 100, 30, 30); F-ado (b);
	catch (Internetied Englison & (F. add (8); F. add (t);
	e. printhadiseact);	F & sine (400, 200);
	3	F. setapoul (mue);
	011	F. sel Vin (ve (buy);
	Public class Mainst Rublic static word main (Strung 5) axgs?	I (a transmodule) prince Justine bios &
	Pishmosage timo = new Proprinces age	System enit (0);
	Outhmessage coe " now outhmessage ("Us"	Public statiz wid main () {
The state of the s	hms short();	AWTEnangle and along: new AW(Enangle();
	Col. Start (7;	3 (55 m. 02 m)
ne o promi in management	3	Gul Ar
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	The state of the s	