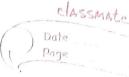
Vollisha.m IBM19(S177



Book Program

public class Book {

private string name, author; private int num-pages, prive;

Book (){

this rame = hell; this author = hell;

this hum pages 0;

this, perce = 0;

Book (Steering name, Glering author, int ped ce, int num- pages)

this author; author;

this name = vame !

this. pauce - perice;

this. num-pages = hum - pages;

@Overeide Julie Steange Lo Steange) {

" + hame + " In Author name " + author

1 Pages: " + hum-pages);

7

CLASEMATE public class Maion imposed Josea. all. Scanner; public static void main (string args []) ? System. out pourt (uEnter number of int n= on neut Int (); Book bookel]: never Book[n]; Strang name, authorName; int neum pages, peule; ist is (0 20) (cn; i++) } System out points (" In/NEvley book "+(i+1)+" : "); name of name = on, next that (); System out point ("Enter name of author of book "+(i+1)+":"); author Name = in. next(); System out pourt ("Enter pouce of book "(i+1)+"); pouce = in. next Int (1; System. out. point ["Entre number of pages in book "+(i+1)+":"); p rum-pages = in next Int();

books[i] - neue Book (name, author Nom peace, nume - pages); System. Out pountln ("In In The details of books are; \n/n"); Jag (° -0; icn; 1++), Systems out pointly (" \n Book "+ (i+i)

Seistern out opently (books [i] & &)

telleng()) 11-END=-

1BW11C2177 Bonk Program public Mars Bonk of pouvale String pouvale String Lustomer Name; account lype poivate ent account Number; Bank () customer Name - null; account Type = null; account Number = 0; Bank (Stoing wishmer Name, int account Number, String account Type) { ; emoNeme = customer Name; this account Number = account Number; this account type: account type; public Strong to Strong ()? Rebier String. format ("Customer Name: " + account Number + " In Account Type:" + account Type);

Vollisha M

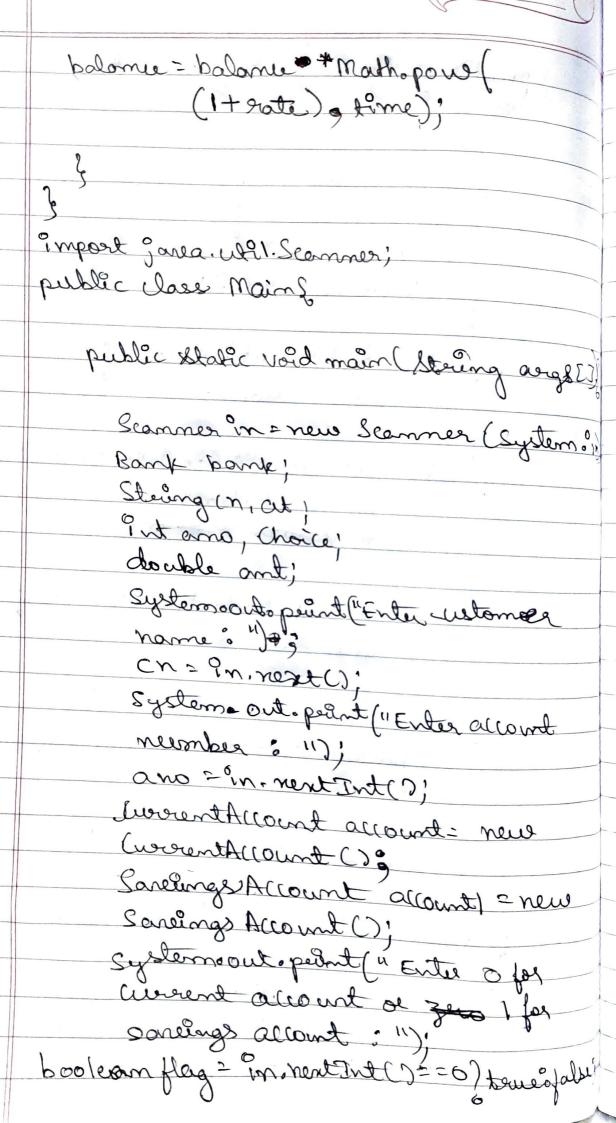
public das luvrentAccount Extends Bonk! pouvote double balance; (O truowAtresses) balance: 0.0D; Etheromo skurd) tibere bios sildus ; tomamos sumolod = somolod; this menemenon Balance (); public int debit (double amount) of (balance > 100 & balance - amount) this balance = balance - amount; this men men Balance (); Leburn -1; public void minimum Balance () } ? (balance <1000) fine = 100) balance = balance - fine; public double get Rolonie () 4 6

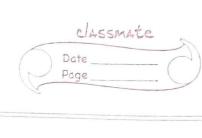
Respective towards Reprised ? pouvate double balance vale; Sarlings Account() 9 rate - 4.567; balonce = 0.00; public double get Balonce (); public void redet (double amount);

balance = balance + amount;

tris paramers Balances; public ent debet double amount of If (balance - amount 7=0) {
balance = balance - amount;

o. otison 0; ¿ o meuters o ; return -1; perblic void calculate Tributet (double time) rate = gate 100; 9 (time 7 5) rate = 4.9/100; (1) (fime >8) rete = 5.00/100;





(golf) fig alse at: "Sorlings" bank = new Bank ((n, ano, at); Elever & lever Systemoout openthr ("Enter 1 to deposit");
Systemoout openthr ("Enter 2 to withdraw") Systems of to peart on Canta 3 to check balance "); Heat of (flog) System. out pountin!" Enter 4 to ("Levely Enterest"); Cystern oout openth ("Enter -1 to quit"); System out point ("Enter your choice : 4); Choice - in went IntO; % (Choice = = -1) Ef (choice == 1) { System o outo point I ("Enter amount te be credited: ")

ant = Math. abs (2n. * next. Double (2));

Pf(flag) account. caedit (amt);

else account l. caedit (amt);

2f (choice = = 2)) System.out. point on C"Enter amount to be debited : "); ount = math.abs (in rent Double ()) Int status = 0 of (flag) accor status = account debitlant else status = account debit (amt); 4 (Status = 2-1) System out paint (" (ould not dre 8/(choice = = 3) { Systemoouto peentha (bank. to Stowng ()); of (flag) Systemooutopount)n ("Balance o"
+ account. get Balance () System-out-prientlin ("Balonie ""
† account). get Balonie (); Else of (chaice = = 4 & & flag) {

Eysterno Outopointly ("Enter neumber of
years: "); ant - morrow math abs (in next Double) Systemoout opeanth ("Balance pefotel " nterest: "+ a count). get Balanuel); account! colulate Interest (ant); System out point n' Balance after "interest: " + account le get Balance)



else if (choice > 511 choice = = 011 choice < -1

11 (flag && choice = = 4)

System. out. pointln ("Invalid input"); System.out. pointln [" ---- Don E ---- "]; En. Close (); Vallisha M, IBM19CS 177, point Arla program abstract class Area & ent dim 1, din 2; Area (int dimi, int dima) {

this dim 2 = dim 2;

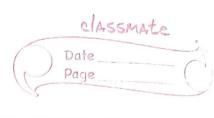
this dim 2 = dim 2; abetrout void pointAreal) public closs Triongle extends Area {
Tocongle (int dim), int din d) {

Super(dim), dim 2);
} go void parthrea () } double area: dim/ # dim2/2) System. Out. point/n("Area of toe angle ?s" + area);

Reclangle (int dim!, int dim d) Super (dim 1, dimd); void prientfrea () j double area = dim /* dim 2; System outopountly ("Area of restangle public class tircle extends Areas Circle and dim) Superlas. super (dim i dim); Void perintherea (){ System out. pointln ("Herea of wirde as "tarea); Publik slass Main?
publik slass word main (string args) Scanner SC = new # Scenner (System System. Out. poundln (l'Enler 1 for Tournel System out poundly ("Enter 2 for pertongle")



System. out-pointln ("Enter 3 for isule: "); Part choice = Sc. nextInt (); Sweeth (choice)? Case 1 3 Eyetem. out. pointfor l'Exter height of terangle o "); dim! = in. next Int(); System out point (" Enter base of touangle " ") dim 2 = in. rest Int(); Triangle touangle = new Triangle(dim) dim 2) triange prient Areal?; breaki Eystem. Out. pointly ("Exter width of rectangle : "); dim! = Sc. next Int(); System out pointly "Ente rectangle : "); dim 2 = Sc. next Int (); Reitangle seetangle = new Rectangle (dim l, dim 2) greetangle, pointfreal); break;



Case 3: f

System. Outo point to ("Enter sodius of

Circle :");

dim 1 = ?n. next Int();

lieule circle = new lirele (dim 1);

rircle. point Area();

break;

default: f

System. out. point ("Weong Input")

break;

3
3 Sc. close();

4