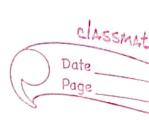
classmate Aishwangev 1BM19 CS008 Week8 bal = sc. nextfloat(); 4) Class bank - two kinds of accs Savings - provides O.I, withdrawal facilities, no checkbook void display() System out pointly ("the name = "+ name +" acc. no = "+ accno. + awrent - provides checkbook, no interest " type & bank account = "+ type + "balang Ks+bal); shed maintain nuninum balance, if not service charge imposed. extends account Class sav-acct Class Account - constoner name, accno., type of acc deine -> class Cury-acct float ci=0; → clus Sav-acct checkbookfacility = false; methods - accept deposit from user and update balance void sav_activity () - display balance. - Compute and deposit interest Scanner Sc= new Scanner (Systemin); - Permit withdrawal and update balance do s - Check min balance, impose penalty, reputate balance System. out println ("choose 1. deposit money 2. withdraw 3. check balance 4. checkbook 5. exit); class Account Option = Sc. nextInt(); String name, accno, type; (option) Switch import java. lang. Hath; float bal', Case 1 ! System out printly ("Putenthe deposit ant, rate of intent Hath. pow (a,b); int option; 10. g years "); front deposit, rate, years, withdrawal=0; diposit = sc. next float ; account () rate = Sc. nextFloat (); Scanner Sc= New Scanner (System.in); years = Sc. nextfloat(); System out pointly (" Enter thename, acc no, Type, believes / ci=deposit * ((float) Math. pow ((1+(rate/100)), years)); name = Sc. next(); bal = bal + ci; accno = Sc. next) , break; type = Sc. next();

switch (option). Case 2: { System. out. printly (" the enter amt to withdraw"). withdrawal = sc. next Float (); (ase 1: Esystem out pointly (" Cuter the daposit"); bal = bal- withdrawal deposit = Sc. nextFloat(); 2 break; bal = bal + deposit; Case 3: 5 System out pointly ("the sumaining balance is = Rs"+bal) 3 break, Case 2. I System out println ("enter the out you want to withdus"); withdrawal=Sc. nextflood HO System out pointly ("Check book poor ided in savings acoust") bal=bal- withdrawal; else System out println (" " not provided , beeak; Case 3. 9 if (bal < min) Case 5: break , dispart: System out printly ("invalid option"); System out pointln (" penalty = " + penalty); } while (option! = 5); System . Out pointln ("the geneining balance is = Ps ," +bal), curr_acct extends account dass Case 4: 5 if (checkbookfacility) System, out pointly ("check book porrided"); checkbook facility = true else System. out. pointh ("checkbook not provided"); word cus_activity() 1 break; Scanner sc=new Scanner (System.in), System ext paintly ("Enter the minimum balance and penalty") Ge5: break; dyault: System, out . pointln ("invalid aption"), float min = Sc next Float(); thile (option!=5); fact peralty = Sc. next float() dof System out printle ("thoose 1. deposit 2. withdra 3. checkbalance 4. checkbook 5. exit); spton = Sc. nextInt();

class bank { Class rectangle extends shape public static void main (string aggs[]) void printarea() I Sannir Sc = new Sy Scanner (system.in); Scanner Sc= new Scanner (bystem in); System out pointly ("Entry the sides of rectangle"), System. out. println ("Enter the type 1. Savings 2 curnty). a = Sc. next Int ()', int type = Sc. nextInt(); } (type = = 1) b = Sc. nextInt(), System out printly ("The area of suctoryle = "+(a xb)); Sav_acct s = new sav_acct (); s. Say_activity(); Class triungle extends shape 3. display(); { wid parut area() (type==2) cura_acct c=new cura_acct(); Scanner Sc = hew Scanner (System.in) System out. println ("Enter andius of circle"); -n-ad condisplay(); c . cur_activity(), a=sc. nextInt();
b=sc.outfut();
fut) a+b/2);
system, out.pointh("The area = "+(3.14 + a + a)); class circle extends shape 45 3) Abstrat Clas shape -> 2 integes and entry nathod printoreal; wid printagea() Belasses extend Shape - rectange, triangle and Circle Scanner Sc= new Scanner (System.in); Each contain only method pront Alea (), that prints the area System out pointly ("Enter Radius") & the Shape. a = (c. nextInt()) System. Out. potath ("iorea = " + (314 + a + a))", 1). import joua.util. Scanner; Obstract Class Shape 2 int a,b', , abstract word printagea ()



class shapes

public static void main (Storg args[])

rectangle 91 = new sectangle();

reprintatea();

toiangle t= new toingle();

t. printatea();

(irde c=new circle();

C. printatea();

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