store Lab brogram. 4 import jana, util. Sconner. abstract class Shape int d1; Shape (inta, int b) abstract void printareal) class Rectangle extends Shape Rectangle (int a, int b) Jesper (a, b), Void print areal)

System. out println ("Area of the rentang"

+ area). clars Priangle ortends Shape Triangle (inta, intb) Super (a, b); void print areal float area = (float) dI* d2/2.
System. out. printle ("Area of the triongle:"
+ area); mile the state about the class Circle extends Shape - Circle (aut a, just b) 2 super Ca, b);

Noid printarial float axed=(float) 3.14* d1* d1.
System. out, printle ("Axea of the corcle." + area). public static void main (String args [] Scarner SS= new Scanner Cystem in) System out print la l'Enter the chaice whose area has to be calculated". System-out-bruit In ("1. RECTANGLE 2. TRIANGLEM3, CIRCLE "). ch=SS. noctInt(); Switzy (ch)

t. printaria (); System out printle ("Enter the radius Circle C = new Circle Cf. default;

program 5 import jana util Scanner abstract class Account String aut name; long acc no; String acc-type; dauple balance Account (String cust name, long a itting acc-type, double this occust name = cust name; this outlease no = acc- no; this acc - type = acc - type; this balance = balance; déposit (double amounté); display (); abstract withdrawal Cdouble amount. abstract

class aux acct extends Account. double penalty = 100.0.

Cour-acet (String cust name, long accuse String acc-type, double balone) super (cust name, acc no, acc type, System-out. println ("Name of the customer!" System, out, println ("Account Number auno:" System. out println ("Account type"," + System aut, puintle ("Balance" + balance). Void deposit (double amount) His balance = this balance + amount. Void withdrawal (double amount)

His balance - this balance - amounts imposepenanty W; System, out perister ("The auvent palme you'd impose penalty () if (this balance < min_bal) System. out, pruit la ("The balance amount in insufficient, the penalty imported = 100 Rs.). System. Out-println ("Balance is: "+ class Sav-actt extends Account

10×1000 Saw acct (String cust prome long acchool Streing acc type, double below) System out print In (" Name of the automer." + cust name). System out println ("Account Number accino" System. out print In ["Account type:"+ out]

System. out. print In ["Balance:"+ balance]. Void desposite (double amount) this, balance = this, balance + amounts centerest (); void interest() jut rate = 10 g time = 1.0

floot Ci = Gloot)(this balance * Moth. pow (1+ rate / 100,0 time) - this balantel; System. out. println ("The interest arround

this. balance = this balance + Ci; Void neithdrawal Cdouble amount His. balance = this, balance - amount, System out println ("The Current balance is 4+ balance) System out printin ("Balance i this balance lass Account Main public static void main (String [] augs Scanner XX = new Scanner (System, in), Double amount;

int flag=0; while (plag==0) Systemiout print lin "Enter the typed Account: In 1: lewrent account 2'. Sanings account); int choice = xx. next Int (). Switch Cchoice case 1: System, out, printer ("In avout system-out println "Enter the name of accaunt holder"). Storing f = xx. next(), System. out. printles. (" Buter the account number "); long g= XX, nextlong (); System out println ("Enter the balance amount'). double h: XX, next Double(); Couract C= new Couractly, 9 "Current, b) ent flag] = 0; while [flan 1 - - 0

System. out printly ("Entire your choice \n1: Deposit amount In 2. Display Balonce In 3. Withdraw"). int choice 1 = xx. next Intl). Smitch (choice 1) System. out print. In ("Enter amount to be de posited ."). amount = xx. next Double (); C. deposit (amount). C. display(); break. System. out. print la C'Enter amount you want to withdraw; "); amount = xx. next Double (); C. withdrawal (amount);

Case 2: System. out print In ("In Savinge account System. out, point In (" Enter the name of String P = XX, next().

System. out. print In ("Enter the account System out print les ("Enter the balance Sav-acct s= new Sav-acct hile (flag 2 == System. out. print In ("Enter your choice) 1. Deposit amount \n2; Display Balone in 3: Withdraw"),

couse I: System, out, printly (" Enter amount to be deposited: "); amount = xx, next Double (); S'déposite (amount); Dreak; Case 2 ; S. display (); break; Case 3' System out point in ("Enter amount you want to withdraw: "). amount = xx, next Double (); S. weithdrawl Camount. lag 2 = 1;