Con O

play Lab Pogm -05.

peutop a Java prom to create a class Bank that majntalns has kinds of accounts for its customers, one called sawings account and other current account the sawings account provides compound interest and withdrawal facilities but no cheque book facility. The current account provides cheque book facility but no interest current account holders should also maintaln a minimum balance and if the balance face blow this level, a service charge is imposed.

2 CLAND BARRETTE

create a class Account that stores customer name, account number and type of account. From the dasses cur-acct and sawacet to make them more specific to their requirements. Include the necessary menuads in order to accee the following tasks:

- a) Accept deposit from customer and update me balance
- e) Computé and deposit interest.
- check the nunimum balance, Pompose penaty of necessary and update the balance

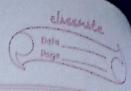
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or market and a contraction

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import Jana util scanner; class Account & string: customerName; al argo, aus a pairing string account Numbers string accountrype; double balance; Account (streng automerName, streng accountNumber, strong accounttype, double balance this · customerName = customerName; this account number = account Number; this account Type = account type; this balance & balance; Goods a slaw Assound that Sport void deposit (double amount) from this doing the classes cur nece balance + 2 amount; mis must exert System. out. printin (il Deposite successful, opdated balance: " + balance); void displayBalance Con Boget ignes System. Out. printin l'Account Type: " + accountry System. Out. printin l'account Name: + accountry System out printin l'Account Number: "+ account Number: "+ account Number 2. System , out . printer (" Balance" + balance); void withdrawa () System. out. println (" Enter windrawal amount")

clasemate of (with > balance) Systemo out · printin ("Insugreent basance"); a balance , wind; void appyInterest() package java l'ab; public class Tur act entends Account doubt Enough some of the Cur-acet (string customer Dame, Ent accountment string account type). Super (Customer Dance, Account Number, accounttype); oold windrawal () Byskuriout printin ( a Enter witudraisal aut"); Put affud = 8c. nextInt(); 1 ( balance < 2 2000) rungrus ritigas 100: double pen obalance (0.06): System out printen l'Inscyficient balance penalty to be paid balance + pen ; use 2 balance withd, 4



package jana lab; public class sau-account entends Account; sau-acet l'swing customer Name, account num, accountly pe ) Super ( Cueromer Name - Acceptuat Number, account type); Office of the state good appyInterest () Syskur. Out. printer (a Enter interest rate"). double Enterest = palance > (rate 1:00); balance + interest; , SOP ("Balance" of for Porterest: " + balance) land Continues Marin . Account (words package favor lab ; Pupost Java, util Scanner; public class sook Oboorbarde spublic Static void manu (string argss1) Scanner 80. new Scanner (system. in) Sop ("Enter cutromer name"). sning : curouser Name, so neutino 5. Sopl' " Entraceount number"). ent ouch Nym 2 &C. neutrine () account ca new ... Cur- act Coustoner Name, Account Dury

, surrout amount

classmate Account &c = new sau-acet (customer Rams; account number, " sourgeur). int chorce; ante (true) Tropped of public 1 " ) gos SOP (1. Deposit in 2. Windrawal in 3. Computitivat In 4. Display) chose = se. nextent(); casels SOP ("Enter the type of account in 1. Sawing In 20 Current In"3; Put accosconantint (); 11 (act 2 21) colored . 8a deposit (); (ca. deposi'+(); AND MINONEY POUR SURVINO breaky wind Truck on DA in case 2: Sop ( cienter upe of account "); intacizscondutinto; if (all 221) fileti dugues. , 15, 10 11 Sarwin drawad () your blowing & longue 1. could some f ca wind rawells break.

case 3 ? la appyinterest (); break, case 4 ! sop (" 1. sawing in a current"); Put acc 2 : 80 newthor (); 1. if (acc 2 2 2 1) ( my 99 1 1 alse some sort sorros " 1903 " mas · Stal rivered of of praise in 1823. Entry to sawings 21 Curren Enter belomer Name: Shraya Enter Ace no: 25416 Enter amount: 2000 Balance amot: 5000 Menu 2 1. Deposit - Mun -1. Deposit 2. Windrawal 2. Windrawal 3. Compute Interest 3. compute interest 4. Display 4. Display 10401 Enter 1. sawing 2 lawrent 1. sawing 2 Current , Culponer Dann: Shriya Enter amount 8000 ACC NO : 234 YE Enter your choice 2 bolance 5000