1/1/24 LAB-5 Bank Account impost java. util. Scanner; class Account of String customer Name; long account Munder; string racount type; double balance; public Account (String customer Mane; long Account the Munder, String accounty, double balance) this . Eustomes Name = customechane; tris. Account Number = Account Number. tris. Bolance = belance; public void deposit (double amount) balance + - amount; System. out psintln (" Deposit of \$" Successful updated balance). public void display Balance () System. out-printle # (" Acc balance: 8"

Classmate class Custicount extends Acount of double min Balance; double service charge; public Cus Account (String Customer Name long ton account Number, double balance double minbalance double service charge, Super (Customer Name, account Number "Current", bolance): This minBalance - min Balance} his service harge - service charge public wid checkminkalance (i (balance (min Balance) balance - = Schricecharge System. out printly (" Min. balno mountained service charge of & + service charge + imposed ");
displayBalance(); public void withdraw (double amou if (amount & balanco) System. out prith! Insufficient funds. Witndrawal elses balance = - amour

classmate System. outprintly "withdrawall of I"+ apartes balance: \$" + balance check Him Balancel). class SavAcount extends Accounts double interest Rate: puble Sar Account (String austones Maney double integest porte) "Savings", balance); this - interest Rate = & interest Rate public word completer. compute Interest double interest = balance # frint balance + : interest. System out prothe (" interested compt deposited > & + Enterest! display Balance ()



public void withdraw (double among if (amount & balance) System. out. println (& Insufficient funds. Witndeawal four bolance = - amount; System. out printhn (" Withdeawald s" + amount + " successful. Check MinBalance (); class Savacount extends Acount double integes Rate: public soraccorport & String custo Allingt Com was Super (customer Name, account Number, "Savings; Bbelance);
this. interest Rate = interest Rute; public void computedntesest) {
double interest = balance balance + = interest



classmate System out println (" interested computed and deposited = \$"+ display Balancol): (amount) bolance) System out psinten ("Insufficient junds-witzeleand failed"); System. out. ps. rtln (" Withdeaval

g & " + amount + "Successful.

update bolanco! & "jbalanco). puble class Bonk (Systemin)

Classmate Cust count cussent Account a new culcount (" J", 12346789 (00D, 18) Sandcount Savings Acount 2 now Ser Acount 0D"9845234 2000,5 son int choice; System.out. shorth (" Select an option") System out psirthn(" 1. Deposite"). System. out. pr. Al. ("2. Display Dalance)
System. out. pr. Alm ("3. Compute Interest
System. out. pr. Alm ("4. witndeav"),
System. out. pr. Alm ("5. Exit"). System.out. psinth (" Enter your Con choice = Scannee, next Intl); Switch choice () } Case 11 System out . println (" Enter amount to deposit"); double deposit & mount = System. out. prothe ("Select account (1. Current, 2. Savings) "

classmate artype = sanner, nent Int (); else if (actype = = 2 Saving Account display Balance () System out pinth ("Ina Cose 2: else f System. out. println ("In valid"); if (Saving Account instance of

-- ASSMATE ((Sar Account) Savings Account) System. out. println (" Enter double withdraw Amour System. out. pr. Hin ("Sole Hace cultent account withdlaw of with else

