```
Lab - 5
import Java. util. Sconner;
class account
       String name;
       int accho;
     String type;
     double balance;
   a couent (String name, intaceNo,
            String type, double balance)
     this name = name;
     this access = aces;
     this . type = type;
     this - balance = balance;
 Void deposite (double amount)
 Ş
      balance + = amount;
 Void Withdenousal (double amount)
 Z
        if (c balance - amount) > =0)
         balance -=amount;
```

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Elle
        System. out. Println ("inhuggicient balance
   2
   void display () ( small of small
      System. out. Print In ("neme:" "trang"
     aceno: "+ aceno+" type: "typet bolonce:"
       + balance);
                                Callbrado bier
    Z
     Sar Acct Gerenols account
&
   Private Static fox double rate = 5;
    Sav Acet (String nome, int acus, double balance)
                        a curo, "Savings", balance)
   Void interest ()
    ફ
          balance + = balance + (rate) / 100;
         System - Out. Printin ("balance," of balance,
      3
```

Clous CeviAcet Situals account Private double minBal = 500; Private double ServiceChangles = 50; Curr Acet (String name, Int acuro, double balance) () Siber (nome, acers, " wrotent" to baloince); " To come so void checkern) if (bolonce cmin Bal) was livered of orthogen System. Out-Println Cabalance, is 1 les than min balance, Service charges imbosed : "/+ Service Chonges); bolance-Sourice Choonges. System Dut. Println ("bolance is; "+

CIDES account Main Public Stotic Void main (String ac]) Scannor 3= new Scanner (system.in); System. Out. Println ("Entor the name:"); String name = s.next(); System, out . print In C" into the type (wount (sovings): "), String type = S. next (); de de de System. out. Println (" enter the account number:"); int acces = S. nixtont() System. out. Print In ("Enton initial balance"); double balance = Sineat double (); int-Chi. int Chi, double amount 1, amount 2 account acce new account (nome, auno, · () de balance); Sour Acet 5a = rem Son Acet Chame, accho, balance). Cur Acct (a= nu CuriAccti (norre, acino, balance); behile (free) with . is

Colles account Main Public Stotic Void main (String ac] Scanner 3= new Scanner (system.in); System. Out. Println ("Entor the name:"); String name = s.next(); System, out print In C' into the type (wount (sovings): ") String type = Sinext (); de desind System. out. Println (" enter the account number: "); int acces = sincitant() System. Out. PrintIn (wenton initial balance"); double balance = Sinext double (); int-Chi. int ch', double amount 1, amount 2 account acce neis account (nonc, accro, · () balance); Sour Acet 5a = rew Son Acet Chame, aceno, balance). Cur Acct (a= new CuriAcct (none, aclao, balance);

while (free) quality. 13 1 , 1200

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& i) (acc. type - rouals ("Savings")
         System, Out. Println (" In menu 1/11.
  derogik 2. Lithedrow 3. Contract interest
     System. Out. Println (" System Choice:");
    en = S. newsnt();
     Switch (ch) - some - out prins
   Case 1: System: Out. Point In ("anton the amount:");
          amount 1= S. neat 20te )
          sa, deposite (amount 1);
   Case 2: System out Drint) n ( u knotor the annount: ");
       amount/2 = S. next2n+();
          Sa Withdraw (anount 2);
outly, many break
     Care 3 - Sa. Intolest ();
     cose4: Sa. dishloy ();
               break.
```

Cosco: System. Buit (0). . dyaut: System - Out: Print In ("invalid input"); break; in a more of it seed Slee S System, out. Print In (" In more) m1. duposik 2. withdraw. 3. dightory); System. Out. Println L'Enter Choice"; Ch = S. nextint()? Switch (ch) Cosel &: System. Out. Rin Mn ("enter amount!"); amount thes, next Inter; it rutal ca deposite Comount Miner Core 2: Syctim- out Print In ("critic anioust"), amount 2 = S. next Int (); Ca. withdown Camount 2); Ca checkmin 12; break) & singular

ca. distribuy (); I'l break now many Core 4: System. Srit(0); default: System. Out. Printhn ("jonald johnte"); break; the type (covert / Sewings) Enter intral balance 4500

entor amount 23000

menu

1. depoque 2. Withdraw

5-display

3

name; Munsline

ace no: 1234

type: Curvent

balance: 27500.

```
class account {
   String name;
   int accno;
   String type;
   double balance;
   account(String name, int accno, String type, double balance) {
      this.name = name;
      this.accno = accno;
      this.type = type;
      this.balance = balance;
   void deposit(double amount) {
      balance - amount;
   void withdraw(double amount) {
      if ((balance - amount) >= 0) {
          balance -- amount;
      } else {
          System.out.println("Insufficient balance, can't withdraw");
```

```
void display() {
    System.out.println("name: " + name + " accno: " + accno + " type: " + type + " balance: " + balance);
public static void main(String□ args) {
    Scanner s = new Scanner(System.in);
    System.out.println("Enter the name:");
    String name = s.next();
    System.out.println("Enter the type (current/savings):");
    String type = s.next();
    System.out.println("Enter the account number:");
    int accno = s.nextInt();
    System.out.println("Enter the initial balance:");
    double balance = s.nextDouble();
    int ch:
    double amount1, amount2;
    account acc = new account(name, accno, type, balance);
    while (true) {
        if (acc.type.equals("savings")) {
            System.out.println("\nMenu\n1.Deposit 2.Withdraw 3.Display 4.Exit");
            System.out.println("Enter the choice:");
            ch = s.nextInt();
            switch (ch) {
```

```
while (true) {
    if (acc.type.equals("savings")) {
        System.out.println("\nMenu\n1.Deposit 2.Withdraw 3.Display 4.Exit");
        System.out.println("Enter the choice:");
        ch = s.nextInt():
        switch (ch) {
            case 1:
                System.out.println("Enter the amount:");
                amount1 = s.nextDouble();
                acc.deposit(amount1);
                break:
            case 2:
                System.out.println("Enter the amount:");
                amount2 = s.nextDouble();
                acc.withdraw(amount2);
                break:
            case 3:
                acc.display();
                break;
            case 4:
                System.exit(0);
            default:
                System.out.println("Invalid input");
                break:
     else {
        System.out.println("\nMenu\n1.Deposit 2.Withdraw 3.Display 4.Exit");
```

```
System.out.println("Enter the choice:");
ch = s.nextInt();
switch (ch) {
    case 1:
        System.out.println("Enter the amount:");
        amount1 = s.nextDouble();
        acc.deposit(amount1);
        break:
    case 2:
        System.out.println("Enter the amount:");
        amount2 = s.nextDouble();
        acc.withdraw(amount2);
        break:
    case 3:
        acc.display();
        break;
    case 4:
        System.exit(0);
    default:
        System.out.println("Invalid input");
        break:
```

```
Enter the name:
mrunalini
Enter the type (current/savings):
savings
Enter the account number:
228
Enter the initial balance:
2500
Menu
1.Deposit 2.Withdraw 3.Display 4.Exit
Enter the choice:
1
Enter the amount:
2500
Menu
1.Deposit 2.Withdraw 3.Display 4.Exit
Enter the choice:
Enter the amount:
1000
Menu
1.Deposit 2.Withdraw 3.Display 4.Exit
Enter the choice:
3
name:mrunalini accno:228 type:savings balance:4000.0
Menu
1.Deposit 2.Withdraw 3.Display 4.Exit
Enter the choice:
```