h):

perelop a java program to create class Bank
that maintains two kinds of accounts for its
editorner, one called savings account and other current
occount. The savings account provides compound
interest and withdrawal facilities but no cheque book
facility. The current account provides cheque book
facility but no interest. Current account builders
facility but no interest. Current account builders
should also maintain a minimum bulance igno
the the balance falls below this level a service
that is imposed

import sava.util.*;

class Account {

String nume;

int accnos

String acctype;

double balance;

Account (String name, int accno, string acctype, double

double balance)

this, accord = accord;

this, accord = accord;

this, accord = accord;

this, accord = accord;

this, balance = balance;

Yold deposit (double ammount) {

balance t = ammounts

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```
void withdraw (double amount) {
               if (balance-amount) > = 0) {
                          balance - = amount;
                else & System. out println ("Insufficient balance");
                display 12
                System out print In ( "Name !" + name + " \n")+
                                 "Account No :"+ accno+"\n"+
                                 "Type:" + type + " \n"+
                                 "balance: " + balance + "\n");
         7
  class savings Account extends Accounts
         private static int rate = 50
         Saving Account (string name, Int accno, string type,
                        double balance)
               super (name, accno, type, balance); ]
         roid balance with Interest () {
                   balance += balance * rate/100;
                  Systemour.println ("balance: "+ balance);
Clay Curr Account Ux tends Accounts
        private static int minBtdance = 1000;
        private satic int charge = 100;
        Currecount (String name, int accno, string type,
                         double bulance)
                Super ( name, accno, type bulance)
```

public

```
vold checkMint) ;
                            if (balance minBalance)
dance 2)
                            I system.our print in l'Balance is less than
                                 min bolance service charge exposed +
                                    Charge) >
111 x
                            balance -= charge;
                           System.ow.println ("batance is" + balance);
'\n"+
יניחויי
            public wass Account-Main &
                    public static void main (string args [])
                        Scanner s = new scanner (system.in);
                        System. out printing "Enfor your name"),
                        String name = s. next Line ();
type
                       System. own printer ("Enter the account type
                             Gurrent or savings;
                       string type = 1. nextu;
                        System. our println (" Enter the account number");
                        ini aceno = s.nextInt();
                        System. out. print In ("Enter the initial balance").
                         double balance = s.nextDoyble();
                       Account acc = new Account [name, accord.
                                type, balanco);
                       Saving Account su = new Saving Account (name,
                              ancno, type, balance);
                       curraccount ca = new curraccount (name,
                           type, balance);
                       double amounts
```

while (hue) 5 if (acc.type . equals ("savings")) { Syllem out printin ("In - -- MENU - - 1"); Syrtem. out. println (") Deposit 1+ 2. with draw 1+, 3. comput interest it A. Display Account details It 5. exil It); System. our: print by In (" Enter your Choices); int choice = sinextIntus switch (choice) { cuse 1 : System ownprint In(" Enles the deposit amount); amount = s.nextDouble (); sa. deposit (amount); break; case 2: System.ow.pnintln (" Enter the withdrawal amount "); amount = 5. nextDouble(); sq. withdraw (amount); break; care 3: sq. balancewith Interest (); break; cure 4: System. out. print In (" Details: ") ra. dir play (); break; care 5: keturn; default: System. Out. print In ("Invalid choice");

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```
cur &
                          System out println (" 1 Depositat . 2 willstraw 1+
 - Iny
                                 3. display Mount details 16 4 cast (1);
Mindraw 1+.
                         system.our. println ("Enter the choste");
Account
                               choice = s.next Int ();
                           switch (choice)
Choices .
                                cure 1: System. our print in ("Enter the amount");
                                         amount = 5 next parlo: 5 next Double U;
                                         (a - deposit (amount);
                                           break!
the
untry;
                               care 2: System.out.pnintln("Enter the amount");
                                        amount = snowDouble 1);
15
                                          (a. withdraw (amount);
                                           ca. check Min():
                                           break:
oter the
                              case 3: ca. display())
1:
                                           break;
101
                              case 4: System. exit(0);
             oupul -
: ");
            Savry output:
              Enter your nume:
               Sagar
              Enter the account type ( burent or deposit).
              sovings
              Enter the account number
              45386
```

Enter the initial balance 150

---- MEND ----

1. Deposit 2. with draw 3. compute interest

Enser your choice a

Finer ammount

4000

Enter your choice

Enter your amount

3000

Enter your choice

Details =

Name : Sagar

ALLONO : 15386

Type : Saving

balence: 1000

Curr Account output ?

Enter your name

Jayar

Know account type (cureyor deposit)

curen

Enter the accomm number

15348

Enter the initial amount

1500

Enter choice

300 Enter the amount

3000

Enter your thoree
3
Details

Name : sagar

Auno : 15348

Type : curent

balance :1260