```
import java. util. Scanner;
day account {
          private Stringname;
                  long account number;
           private
           private intaccount-type;
                  balance;
           double
           void gut-data()
           Scanner ss = new Scanner (Systemin);
            System. out. printly (" enter your name");
            rlame = ss.next();
            System. Out. printer l'enter le account number ").
             account number = ss. nextlong();
            System. out. println ("choose the account type");
            System. out. println (" 1. Savings account").
            System. od. println (4 2. Curred account 1).
             account-type = ss, next Int ();
                                         Propose alpele h
     int redum-aces and type ()
        return acoust-type;
       savings extends account
       double principle - amount;
       deable compound_interest;
        9ht years;
       Lanner 15=new Scanner (System.in)
       double amount;
                                     of ) soul dering problem
       void get_saw_balance()
         Suggern. oct. println ("enter the amount to be placed in your swigsace")
         amount = ss. next Double ();
          balance + = amount;
                                 10月 - かれていていこうもあたい あだ
       void display-sav-blace()
         System.out println ("balance = "+balance);
                               summy gerllowed to fully
```

```
Void compute _ say_intorect()
      System act. println (" enter the principle amount");
        principle_amount = ss. nextDouble();
        System out printin (" rate of interest per annum shall be 5%)
        System.out, println (" renter the years at which the interest
                                          should be cakulated ").
         years = ss. nextent(); Compound - interest = principle - amount (Math. pow (+0,05, year)
         System , out . println("compound interest = "+ compound_interest).
     void withdrawl_sau()
         Syou and pritten l'enter the amount to be withdrawn").
           amount = ss, next-Double ();
           balance = balance - amount;
dan ament extends account
      Scanner 15 = new Scanner (System.in);
       final double nin-balance = 5000;
       double amount;
       void get_ler-balance()
         Syptim. out. printen ("enterthe amount to be deposited2);
           amount = ss. nextDouble(1;
balance t=amount;
    void display-cur-blace()
          System-out-println (" Balance = " + balance)
     void compute_cur_service_chargu()
                                      Johl our equipped biol
         if (balance < min-balance)

Sigram. out-println("souvire tox of Person shall be levited");
                balance = balance -500;
```

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Che
     System. out. privolen (" nûmenumbalance in maintain");
void wishdraw-cur()
     System - and println (" anter the amount to be withdrawn");
     amount = SI - NXHDouble();
      balance = bulance - amount;
clair bank-main
  public static void main (String args [])
      int type, option;
       Sconner ss = new Scanner (Sypam.in);
       Scytem-out-println (" enter bank details");
       (Scount acc = new account ();
        acc. get_data();
        Type = acc. return_account_type ();
       if (type ==1)
         Sythem. out. faintly (" SAVINOW! ACROON");
         Savings sav = new Savings();
         Saw_get_saw_balance();
          Saw-display-saw_blace ();
         System. out println ("do you would calculate composal intent?
                                               (ij yes enter 2 ch 0)");
          option = 85. MATINT();
         i) (option==1)
           Saw. Compute - saw interest ();
        Sow. withdrawl - saul);
       (au. display - sav_bln(c());
```

(type == 2) Symm. act. printen (" current Accound"); current cur = new current(); Cur. get - cur-balance (); cur. Limplay cur_blace () cur. compute - cur - service - charges(); cur-diplay-cur-blace(); A num - smaller - goodsy Cur - withdraw 1_cur(); cur display - cur_ blace 1); roots line stady on or instruction of housely -(1) man is were not twenty Office too a material - sil Level Abier