```
import java utili. ":
   class accounts
   String customen - hame;
   int acount - number;
   string account - type;
class curracct extends accounts
Scannes X = hew Scannes (system: in);
 double temp = 0.0;
 double amount = 0,0;
 double fine =0.0;
 double min-amount = 100000;
  void getdetails(),
  (Ustomes - hame = X, next line ();
  account - humber = x: nextint();
 void deposit () f
 System , out , print ("Enter the deposit amount,");
   temp = X: nex + Double();
   amount = temp;
void showbalance ();
 if (amount >= min - amount) of
  Systemiout i printh ( "Balance is!
 "tamount);
```

```
fine = (amount * 11:0 * 10) 1100;
   amount - = fine;
   systemious iprintln ("the fine imposed;
  "+ Fine);
   System out printly ("Baiance is: "+ amount);
  void withdraw () f
   System 'out print ("Enter the withdrawal amount:");
   temp = x . next bouble ();
  amount - = temp;
class sav-acct extends accounts
 scanner X = hew scanner (system in);
 double temp = 0.0;
 double amount =0.0;
double interest = 0.0;
void get details () 1
 customen _ hame = xinextline();
 account - namber = x. hextlh E();
30
void deposit () of
System. out . print ("Entex the deposit amount:");
 temp = Xinext Double();
 amount + = temp;
```

```
void showbalance ();
System vout print ("Baiance is: "tamount);
void withdrawall) ;
Systemiout print ("Enter the withdrawal amount:");
temp = x : next Double ();
 amount - = temp;
void interest() s
interest = (amount * 1.0 * 3) /100;
amount + = interest;
system *out-println ("interest added: "+ interest);
system vout println ("Balance is: " +a mount);
public class mains
```

```
public static void main (string Dargs) of
 int OPE =0;
 String type = null;
 Scanner x = newscanner (system lin);
 system out-print In ("welcome to the bank service");
 system out println ("Entex the the ofaccount
                  (curr-acct [sav-acct]");
   type=xinextline();
   if (type equals ("curridectib) f
    Curracet a = hew currencett);
   system out printly (Enter the cook tomex_
 name account - number; ");
      arget details ();
      while (true) f
  system tout print the ("press" 1. Accept deposit
and update the balance!);
    system rout print (h. ( "press 2" Dis play the
balance");
 system out println fupress 3: withdrawal and
 update the balance !!
   System rout print ("Enter option");
    OPE = X. nextine ():
    switch (opt)
   (ase 1: a deposit();
     a · show balance();
        break;
   (ase 2: a, showbalance ();
      break;
```

```
case 3: a withdrawal ();
            a. showbalahce();
            break;
if (type equals ("sav -acct"))
 Sav - acct a = hew sav -acct();
System out printly ("Enter the customer_name account himber
While (true) g
 System. out Println ("press1: Accept deposit and update He
balance");
System out println (" press 1: Accept deposit and urdate
the balance");
 system out println ("press 2: Display the balance");
System rout printly ("press 3: compute and deposit intrest")
system out printly ("presst: withdrawal and update the
 System out Print ("Enter option: ");
  OPE = X · nextlht ();
 switch (opt)
(aser: a 'deposit().
       a-show balance ();
        break;
```

```
Case 2 ! a ishow balance ();
       break;
case 3: a interest ();
    a-showbalance();
     break;
 caset ! a withdrawall;
        a · Show balance ();
        break;
```