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Bank - Notepad
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File Edit Format View Help
import java.util.Scanner;
class Account
   Scanner ss=new Scanner(System.in);
   String acc_name;
   String acc_no;
   int acc_type;
   double balance;
   void CreateAccount()
       System.out.println("Enter the Deals of the new account: ");  
System.out.printf("Name: ");
       acc_name=ss.next();
System.out.printf("Ideal Account number: ");
        acc_no=ss.next();
        if(acc_type==1)
            System.out.printf("Enter the first Deposite Value: ");
            balance=ss.nextDouble();
            System.out.println("Thank you for creating an Account.");
        else
            System.out.println("Enter the first Deposite Value(above 5000): ");
            balance=ss.nextDouble();
            System.out.println("Thank you for creating an Account.\nYou will shortly receive your Cheque Book.");
   }
   String getAccountNo()
        return acc_no;
                                                                                                                 Ln 177, Col 18 100% Windows (CRLF) UTF-8
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File Edit Format View Help
        return acc_no;
   }
   void Display()
   {
        System.out.println("The Account Details are given as follows: ");
System.out.println("Name: "+acc_name);
System.out.println("Account Number: "+acc_no);
        if(acc_type==1)
            System.out.println("Account Type: Savings Account");
            System.out.println("Account Type: Current Account");
        System.out.println("Balance: "+balance);
}
class Sav_Acct extends Account
    void withdraw()
        //System.out.println("Warning: A minimum of 5000 balance must be maintained\n\tIf failed, a penalty of Rs.100 will be imposed.");
        System.out.println("Enter the Amount to be withdrawn: ");
        amount=ss.nextDouble();
        balance-=amount;
   void deposite()
        double amount, interest;
        System.out.println("Enter the Amount to be Deposited: ");
        amount=ss.nextDouble();
        balance+=amount;
        interest=balance*0.01;
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Bank - Notepad

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File Edit Format View Help
class Curr_Acct extends Account
   void withdraw()
        double amount;
        System.out.println("Warning: A minimum of 5000 balance must be maintained\n\tIf failed, a penalty of Rs.100 will be imposed."); System.out.println("Enter the Amount to be withdrawn: ");
        amount=ss.nextDouble();
        balance-=amount;
        penaltycheck();
   void deposite()
        double amount;
        System.out.println("Enter the Amount to be Deposited: ");
        amount=ss.nextDouble();
        balance+=amount;
   void penaltycheck()
        if(balance<5000)
            System.out.println("The balance is less than 5000 a penalty of Rs.100 is imposed.");
            balance-=100;
  }
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Bank - Notepad

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Bank - Notepad
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File Edit Format View Help
   }
}
class Bank
    public static void main(String args[])
         Sav_Acct S_acct[]=new Sav_Acct[10];
Curr_Acct C_acct[]=new Curr_Acct[10];
         Scanner ss=new Scanner(System.in);
         String acctno;
         int ch, i=0, j=0;
         while(true)
         {
System.out.println("Welcome to the bank.\n");
System.out.println("Enter the action to be performed:");
System.out.println("1: Create a Savings Account\n2: Create a Current Account");
System.out.println("3: Deposite \n4: Withdraw\n5:Display Balance");
          System.out.printf("Enter your choice: ");
          ch=ss.nextInt();
          switch(ch)
               case 1: S_acct[i]=new Sav_Acct();
                          S_acct[i].acc_type=1;
                         S_acct[i].CreateAccount();
                         i++;
break;
              C_acct[j].CreateAccount();
                          break;
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Bank - Notepad
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File Edit Format View Help
                     break;
            case 3: System.out.println("Enter the account number: ");
                     acctno=ss.next();
                     for(int k=0;k<j;k++)
                          if(acctno.equals(C_acct[k].getAccountNo()))
                              System.out.println("This Account is a Current Account.");
                              C_acct[k].deposite();
                         }
                     }
for(int k=0;k<i;k++)
                          if(acctno.equals(S_acct[k].getAccountNo()))
                              System.out.println("This Account is a Savings Account.");
                              S_acct[k].deposite();
                     break;
            case 4: System.out.println("Enter the account number: ");
            acctno=ss.next();
for(int k=0;k<j;k++)</pre>
                 if(\mathsf{acctno.equals}(\mathsf{C}\_\mathsf{acct}[\mathsf{k}].\mathsf{getAccountNo}()))
                     System.out.println("This Account is a Current Account.");
                     C_acct[k].withdraw();
            for(int k=0;k<i;k++)
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Bank - Notepad
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File Edit Format View Help
                    C_acct[k].withdraw();
                }
            for(int k=0;k<i;k++)
                if(acctno.equals(S_acct[k].getAccountNo()))
                    System.out.println("This Account is a Savings Account.");
                    S_acct[k].withdraw();
           /*else
{
                System.out.println("Enter a Valid Account number");
           continue;
}*/
            break;
           case 5: System.out.println("Enter the account number: ");
                    acctno=ss.next();
                    for(int k=0;k<j;k++)</pre>
                        if(acctno.equals(C_acct[k].getAccountNo()))
                            C_acct[k].Display();
                    for(int k=0;k<i;k++)
                        if(acctno.equals(S_acct[k].getAccountNo()))
    S_acct[k].Display();
                    break;
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This Account is a Current Account.

What is a Current.

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Gibin/Pograms jaw Bank
Welcome to the bank.

Refree the action to be performed:

1: Create a Savings Account

2: Create a Current Account

3: Deposite
4: Nithdraw

5:Dispay Balance
Finter your choice: 1
Enter the Deals of the new account:

Name: Ishika

Ideal Account number: 223
Enter the Deals of the new account:

Name: Ishika

Ideal Account number: 236
Enter the farst Deposite Value: 4000
Thank you for creating an Account.

Welcome to the bank.

Enter the action to be performed:

1: Create a Savings Account

3: Deposite

4: Nithdraw

5: Dispays Balance
Enter your choice: 2
Enter the Deals of the new account:

Name: Hriday

Ideal Account number: 456

Ideal Account number: 456

Ideal Account number: 556

Ideal Acc
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G:\bin\Programs>javac Bank.java

```
Enter the action to be performed:

1: Create a Savings Account

2: Create a Current Account

3: Deposite

4: Nithdraw

5:Display Balance
Enter your choice: 5
Enter the account number:

123

The Account Details are given as follows:
Name: Ishika

Account Number: 123

Account Number: 123

Account Savings Account

Balance: 3183. 39999999999

Belcome to the bank.

Enter the action to be performed:

1: Create a Savings Account

2: Create a Current Account

3: Deposite

4: Nithdraw

5:Display Balance
Enter twour choice: 5
Enter the account number:

456

Mancount Type: Current Account

Balance: 496.0

Welcome to the bank.

Enter the account number:

456

Account Number: 456

Account Number: 456

Account Number: 456

Account Type: Current Account

Balance: 496.0

Welcome to the bank.

Enter the action to be performed:

1: Create a Savings Account

2: Create a Gurrent Account

3: Deposite a Current Account Savings Account

456

Enter the account number:

457

Enter the account number:

458

Enter the account number:

459

Enter the account number:

450

Enter the account number:

451

Enter the account number:

452

Enter the account number:

453

Enter the account number:

454

Enter the account number:

455

Enter the account number:

456

Enter the account number:

457

Enter the account number:

458

Enter the account number:
```

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import java neil Scanner;
   Scarrer sc=new Scarrer (Systemin);
String acc-name;
String acc-no;
 int accelype;
double balance;
    spren out pointh ("anter the details of new account");
         System out pointlu ("Name:");
        system out print(" Account no: ").

acc. no = sc. next ().
     if (acc_type ===1)
             System out-printin ("anter deposit value");
balance = sc. next Double ();
```

```
else
         System: ent. pointin ("Enter deposit value (morethan 5000)")
Salance = 80. nextalouble().
String getscount NO()

{

String volum are no;
 void display ()
     System-out-pointin(acc_name);
     System out pointln(acc_no);

system out pointln(balance);
 class Sav_ suct extends account
       roid withdraw ()
            double amount;
            System.out.point(" Amount to be noimdrawn").
amount = SS. next. Double().
             balance = -amount;
       void deposite ()
           double amount, interest;
         System out pointly ("lenter emount to be deposited");
             anymount = 20. next Dereble ();
             balance + = amount.
              interest = balance + 0.01.
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class aux sect extends secount
       void neithdraw ()
            double amount;
            amount = sc. next Double ();
            balance = - smourt;
            penalsty sheck().
       void deposite()
           System-out-pointln ( "antor the amount to
be deposited");
           amount = Sc. nextDoubleL);
      neid penaltycheck ()
            F(balance (5000)
                Ealance = balance +00;
class Bank
    public static roid main (string ango (1))
        Savaut SIJ= new sav_ acut O[05];
  are facet C[] = new aus_ as Acct [5];
          Scanner & = new Scanner (Systemin).

String arctno.

int cha i=0,j=0;
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	while (tage)
	"The grasse ward" maning too metain the ran
	2 System. end. point ("Enter choice").
	ech = ss.nextInt().
	Switch(ch)
AND NO.	El aniha eduale & mestel nothi
	case 1: SCiJ = new Say_Acct();
	S [i] = ucc-type = 1.
	Congression Pallitt.
	break:
	case 2: Cfj] = new Curr Acut();
	SBC[j]=acc-type=0.
	(ANNIAN OJEFINI) LOR
	break.
A Asia	case 3: System. eut. pointin ("Enter account no");
avun	actno = ss.next();
	fox( int k=0; k< j; k++)
	5
	if (acctno. egnals (c-meet-[k].
	get Account()))
/10	cast 5. lingen out printence Entry his ount no.
	C-asc [K]. deposite ();
	Ballut pao nelint
	7
71.1	ALAMA MANANATATAN PLANCE MAKE
(((	pay (int k=0, K×1; k+t)
	pay (int k=0, K×1; k+t)
	if Cacetno. equals (S[k]. get-dec-
	ount No ()))
1 0 1	
((1))	g W lackma, wash Shirt golden
	break;
	Comment bearing ages of the one
	hieres

