

C:\Users\Aruna Ravi\Bank.java - Notepad++

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ex2.java ex3.java javapgl.java new 1.txt AbstractExample.java sgpa.java bookdetails.java new 1 sgpa.java area.java Bank.java

```
1 import java.util.*;
2 class Account
3 {
4     Scanner in=new Scanner(System.in);
5     String customer_name,type_of_account;
6     long account_number;
7     double balance=9000;
8     void Accept() {
9         System.out.println("Enter customer name");
10        customer_name=in.nextLine();
11        System.out.println("Enter Account number");
12        account_number=in.nextLong();
13    }
14    void deposit()
15    {
16        int dep;
17        System.out.println("Enter the amount to be deposited");
18        dep=in.nextInt();
19        balance+=dep;
20        System.out.println("Balance="+balance);
21    }
22    void withdrawal()
23    {
24        int witdra;
25        System.out.println("Enter the amount to be withdra");
26        witdra=in.nextInt();
27        balance-=witdra;
28        System.out.println("Balance="+balance);
29    }
30 }
31 class CurrAct extends Account{
32 void penalty() {
33 if(balance<2000) {
34     balance-=100;
35     System.out.println("Penalty for maintaining less balance");
36     System.out.println("Balance="+balance);
37 }
38 }
```

Java source file

length : 1,823 lines : 86 Ln : 24 Col : 8 Sel : 0 | 0 Windows (CR LF) UTF-8 INS

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```
36 System.out.println("Balance="+balance);
37 }
38 }
39 }
40 class SavAct extends Account{void intrest(){
41     double i;
42     i=balance*0.02;
43     balance+=i;
44     System.out.println("Intrest="+i);
45     System.out.println("Total Balance="+balance);
46 }
47 }
48 class Bank{
49     public static void main (String args[]){
50         Scanner in=new Scanner(System.in);
51         CurrAct c=new CurrAct();
52         SavAct s=new SavAct();
53         System.out.println("Enter your choice\n1.Saving account\n2.current account");
54         int choice=in.nextInt();
55         if(choice==2){
56             c.Accept();
57             System.out.println("Enter your choice\n1. Deposit\n2.Withdrawl");
58             int n=in.nextInt();
59             switch(n){
60                 case 1:{
61                     c.deposit();
62                     break;}
63                 case 2:{
64                     c.withdrawal();
65                     c.penalty();
66                     break;}
67                 default : System.out.println("Wrong Option");
68             }
69         }
70         if(choice==1){
71             s.Accept();
72             System.out.println("Enter your choice\n1. Deposit\n2. Withdraw");
73             int n=in.nextInt();
```

Java source file

length : 1,823 lines : 86 Ln : 24 Col : 8 Sel : 0 | 0 Windows (CR LF) UTF-8 OVR

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ex2.java ex3.java javapgl.java new1.txt AbstractExample.java sgpa.java bookdetails.java new1 sgpa.java area.java Bank.java

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68         }
69     }
70     if(choice==1){
71         s.Accept();
72         System.out.println("Enter your choice\n1. Deposit\n2. Withdraw");
73         int n=in.nextInt();
74         switch (n){
75             case 1:{
76                 s.deposit();
77                 s.intrest();
78                 break;}
79             case 2:{
80                 s.withdrawal();
81                 break;}
82             default : System.out.println("Wrong option");
83         }
84     }
85 }
86 }
```

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Command Prompt

```
Enter your choice
1. Deposit
2. Withdraw
1
Enter the amount to be deposited
2500
Balance=11500.0
Intrest=230.0
Total Balance=11730.0

C:\Users\Aruna Ravi>java Bank
Enter your choice
1.Saving account
2.current account
2
Enter customer name
mj
Enter Account number
27888863331
Enter your choice
1. Deposit
2.Withdrawl
2
Enter the amount to be withdra
8540
Balance=460.0
Penalty for maintaining less balance
Balance=360.0

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```



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