

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS\bank.java - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

player.java x Employee.java x age.java x bank.java x abstract3.java x transpose.java x circledemo.java x actor.java x cmdinarray.java x studentinheritance.java x playerinheritance.java x account.java x que

```
1  import java.util.Scanner;
2  import java.lang.Math;
3
4  class Account
5  { String name,type,accno;
6    double balance;
7
8    void deposit()
9    { Scanner get=new Scanner(System.in);
10     double depo;
11     System.out.println("Enter the deposit : ");
12     depo=get.nextDouble();
13     balance=balance+depo;
14   }
15   void withdraw()
16   { Scanner get=new Scanner(System.in);
17     double withdraw;
18     System.out.println("Enter the amount to withdraw: (<"+balance+"");
19     withdraw=get.nextDouble();
20     balance=balance-withdraw;
21     System.out.println("Balance : "+balance);
22   }
23 }
24
25 class Curr_acct extends Account
26 { int intr=6;
27   boolean cheque=true;
28   void dispblnc()
29   { System.out.println("Balance : "+balance);
30   }
31   void create()
```

Java source file length: 3,846 lines: 142 Ln: 140 Col: 2 Sel: 0|0 Windows (CR LF) UTF-8 INS 21:36 28-12-2020

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```
30 }
31 void create()
32 { Scanner get=new Scanner(System.in);
33   System.out.println("Name :");
34   name=get.next();
35   accno="current";
36   System.out.println("Account No :");
37   accno=get.next();
38   System.out.println("Balance :");
39   balance=get.nextDouble();
40 }
41
42 void check()
43 { System.out.println("\nMinimum Balance : "+5000);
44   if(balance<5000)
45   { System.out.println("Penalty is imposed please deposit minimum " + (5000-balance+200)+"Rs\nRs 200 Service charge");
46     deposit();
47     balance=balance-200;
48   }
49   else
50   { System.out.println("Balance : "+balance + "Safe");}
51 }
52
53 }
54
55 class Sav_acct extends Account
56 { double intr=7;
57   boolean cheque=false;
58   void dispblnc()
59   { System.out.println("Balance : "+balance);
60 }
```

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21:36 28-12-2020

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```
58 void dispblnc()
59 { System.out.println("Balance : "+balance);
60 }
61 void create()
62 { Scanner get=new Scanner(System.in);
63   System.out.println("Name :");
64   name=get.next();
65   accno="savings";
66   System.out.println("Account No :");
67   accno=get.next();
68   System.out.println("Balance :");
69   balance=get.nextDouble();
70 }
71
72 void calcint()
73 { double interest;
74   Scanner get=new Scanner(System.in);
75   System.out.println("Enter time: ");
76   int time;
77   time=get.nextInt();
78   interest=balance*Math.pow((1+intr/100),time)-balance;
79   System.out.println("Interest : "+interest);
80   balance=balance+interest;
81   System.out.println("Balance : "+balance);
82 }
83
84 }
85
86 class Bank
87 { public static void main(String args[])
88 { Scanner get=new Scanner(System.in);
```

Java source file length: 3,846 lines: 142 Ln: 140 Col: 2 Sel: 0|0 Windows (CR LF) UTF-8 INS 21:37 28-12-2020

```
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player.java x Employee.java x age.java x bank.java x abstract3.java x transpose.java x circledemo.java x actor.java x cmdinarray.java x studentinheritance.java x playerinheritance.java x account.java x que

85
86 class Bank
87 { public static void main(String args[])
88 { Scanner get=new Scanner(System.in);
89 String type;
90 Sav_acct accs=new Sav_acct();
91 Curr_acct accr=new Curr_acct();
92 System.out.println("Enter type of account: (current/savings)");
93 type=get.next();
94 if(type.equals("savings"))
95 accs.create();
96 else if(type.equals("current"))
97 accr.create();
98
99 int ch;
100 do
101 { System.out.println("\n1.Deposit\n2.Display Balance\n3.Deposit Interest\n4.Withdrawl\n5.Check\n6.Cheque Boook (under develo
102 ch=get.nextInt();
103 switch(ch)
104 { case 1 : if(type.equals("savings"))
105 accs.deposit();
106 else
107 accr.deposit();
108 break;
109 case 2 : if(type.equals("savings"))
110 accs.dispblnc();
111 else
112 accr.dispblnc();
113 break;
114 case 3 : if(type.equals("savings"))
115
```

Java source file length: 3,846 lines: 142 Ln: 140 Col: 2 Sel: 0|0 Windows (CR LF) UTF-8 INS 21:39 28-12-2020


```
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111         else
112             accr.dispblnc();
113
114         break;
115     case 3 : if(type.equals("savings"))
116             accs.calcint();
117             else
118                 System.out.println("This account does not have this provision");
119             break;
120     case 4 : if(type.equals("savings"))
121             accs.withdraw();
122             else
123                 accr.withdraw();
124             break;
125     case 5 : if(type.equals("savings"))
126             System.out.println("This account does not have this provision");
127             else
128                 accr.check();
129             break;
130     case 6 : if(type.equals("savings"))
131             System.out.println("This account does not have this provision");
132             else
133                 System.out.println("This account does have this provision");
134             break;
135     default : if(ch!=7)
136                 System.out.println("Enter valid option");
137     }
138 }while(ch!=7);
139 }
140 }
141 }
```

Java source file length: 3,846 lines: 142 Ln: 140 Col: 2 Sel: 0 | 0 Windows (CR LF) UTF-8 INS 21:40 28-12-2020

```
Command Prompt
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\AKSHAT SURANA>cd C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>set path="C:\Program Files\Java\jdk1.8.0_261\bin"

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>javac bank.java

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>java Bank
Enter type of account: (current/savings)
savings
Name :
Rohan
Account No :
18900970
Balance :
15000

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
1
Enter the deposit :
2000

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
2
Balance : 17000.0

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
```



```
Command Prompt
2000
1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
2
Balance : 17000.0
1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
3
Enter time:
3
Interest : 3825.7310000000034
Balance : 20825.731000000003
1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
4
Enter the amount to withdraw: (<20825.731000000003)
2000
Balance : 18825.731000000003
1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
```

```
Command Prompt
5.Check
6.Cheque Boook(under developemnt)
7.Exit
5
This account does not have this provision
1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
6
This account does not have this provision
1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
7
C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>java Bank
Enter type of account: (current/savings)
current
Name :
Rohit
Account No :
1508770
Balance :
10000
1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
1
```



```
Command Prompt
current
Name :
Rohit
Account No :
1508770
Balance :
10000

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
1
Enter the deposit :
5000

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
2
Balance : 15000.0

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
3
This account does not have this provision

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
```

```
Command Prompt

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
3
This account does not have this provision

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
4
Enter the amount to withdraw: (<15000.0)
5000
Balance : 10000.0

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
5
Minimum Balance : 5000
Balance : 10000.0Safe

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
6
```



```
Command Prompt
6.Cheque Boook(under developemnt)
7.Exit
5
Minimum Balance : 5000
Balance : 10000.0Safe

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
6
This account does have this provision

1.Deposit
2.Display Balance
3.Deposit Interest
4.Withdrawl
5.Check
6.Cheque Boook(under developemnt)
7.Exit
7
C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>
```