```java
import java.util.Scanner;
abstract class Account
{
    Scanner s=new Scanner(System.in);
    String name;
    long num;
    String type;
    double bal;
    Account(){}
Account(String name,long num,String type,double bal)
{
    this.name=name;
    this.num=num;
    this.type=type;
    this.bal=bal;
}
String acc()
{
    return type;
}
double min=2000.00;
abstract void deposit();
abstract void withdrawal();
abstract void display();
```

```java
25    }
26    class Curact extends Account
27    {
28        Curact(String name,long num,String type,double bal)
29        {
30            super( name ,num, type, bal);
31        }
32        void withdrawal()
33    {
34        System.out.println("ENTER THE AMOUNT TO BE WITHDRAWED");
35        int amt=s.nextInt();
36        if(bal==0 || amt>bal )
37        {
38            System.out.println("WITHDRAWAL NOT POSSIBLE");
39        }
40        else
41        {
42            bal=bal-amt;
43            System.out.println("AMOUNT OF"+amt+"IS WITHDRAWED FROM THE ACCOUNT");
44            System.out.println("REMAINING BALANCE IS="+bal);
45        }
46    }
47        void deposit()
48        {
```

submitdetails.css   JS submitdetails.js   ◇ student1.html   ⬤ Bank.java ✕   ⬤ shape.java ●   ⬤ player.java   ⬤ playerinheritance.ja

⬤ Bank.java > ᛋ bank > ◈ main(String[])

```java
46    }
47        void deposit()
48        {
49            System.out.println("ENTER THE AMOUNT TO BE DEPOSITED");
50            int amt1=s.nextInt();
51            bal=bal+amt1;
52            System.out.println("THE REMAINING BALANCE OF THE ACOOUNT= "+bal);
53        }
54        void display()
55        {
56            if (bal<min)
57            {
58                System.out.println("AMOUNT OF 145/- IS DEDUCTED FROM UR ACCOUNT DUE TO LESS BALANCE");
59                bal=bal-145;
60                System.out.println("BALANCE="+bal);
61            }
62            else
63                System.out.println("BALANCE="+bal);
64        }
65    }
66    class Savact extends Account
67    {
68        Savact (String name,long num,String type,double bal)
69        {
```

```java
5    }
6    class Savact extends Account
7    {
8        Savact (String name,long num,String type,double bal)
9        {
0            super( name ,num, type, bal);
1        }
2        void withdrawal()
3        {
4        System.out.println("ENTER THE AMOUNT TO BE WITHDRAWED");
5        int amt=s.nextInt();
6        if(bal==0 || amt>bal)
7        {
8            System.out.println("WITHDRAWAL NOT POSSIBLE");
9        }
0        else
1        {
2            bal=bal-amt;
3            System.out.println("AMOUNT OF"+amt+"IS WITHDRAWED FROM THE ACCOUNT");
4            System.out.println("REMAINING BALANCE IS="+bal);
5        }
6    }
7        void deposit()
8        {
```

```java
    void deposit()
    {
        System.out.println("ENTER THE AMOUNT TO BE DEPOSITED");
        int amt1=s.nextInt();
        System.out.println("THE RATE OF INTEREST IS 5%");
        double ci=amt1*(1+0.05);
        bal=bal+ci;
        System.out.println("THE BALANCE OF THE ACCOUNT= "+bal);
    }
    void display()
    {
            System.out.println("BALANCE="+bal);
    }
}

class bank
{
    Run | Debug
    public static void main(String args[])
    {
    Scanner s=new Scanner(System.in);
    System.out.println("1-CURRENT ACCOUNT \n 2-SAVINGS ACCOUNT");
     int c=s.nextInt();
     String nam;
     long n;
     double openbal;
     if(c==1)
     {
   System.out.println("ENTER NAME,ACCOUNT NUMBER AND OPENING BALANCE");
      nam=s.next();
      n=s.nextLong();
     openbal=s.nextDouble();
     System.out.println("ACCOUNT DETAILS \n ********");
     System.out.println("NAME-"+ nam +" ACC NUMBER-"+n +"OPENING BALANCE-"+openbal+"TYPE-Current");
     Curact cu=new Curact(nam,n,"current",openbal);
        int i=0;
        while( i != 4)
```

```java
21      int i=0;
22      while( i != 4)
23      {
24          System.out.println("1:DEPOSIT \n2:DISPLAY BALANCE\n 3:WITHDRAWAL \n 4-exit");
25          System.out.println("ENTER THE CHOICE");
26          int ch = s.nextInt();
27          switch (ch) {
28              case 1:
29                  cu.deposit();
30                  break;
31
32              case 2:
33                  cu.display();
34                  break;
35
36              case 3:
37                  cu.withdrawal();
38                  break;
39              case 4:
40                  System.exit(0);
41                  break;
42              default:
43                  System.out.println("INVALID CHOICE");
44          }
45      }
46  }
47  else if(c==2){
48      System.out.println("ENTER NAME,ACCOUNT NUMBER AND OPENING BALANCE");
49      nam=s.next();
50      n=s.nextLong();
51      openbal=s.nextDouble();
52      System.out.println("ACCOUNT DETAILS \n ********");
53      System.out.println("NAME-"+ nam +" ACC NUMBER-"+n +"OPENING BALANCE-"+openbal+"TYPE-Savings");
54      Savact sa=new Savact(nam,n,"savings",openbal);
55      int j=0;
56      while( j != 4)
57      {
```

```java
    Savact sa=new Savact(nam,n,"savings",openbal);
        int j=0;
        while( j != 4)
        {
            System.out.println("1:DEPOSIT \n2:DISPLAY BALANCE\n 3:WITHDRAWAL\n 4-exit");
            System.out.println("ENTER THE CHOICE");
            int ch1 = s.nextInt();
            switch (ch1) {
                case 1:
                    sa.deposit();
                    break;

                case 2:
                    sa.display();
                    break;

                case 3:
                    sa.withdrawal();
                    break;
                    case 4:
                    System.exit(0);
                    break;
                default:
                    System.out.println("INVALID CHOICE");

        }
    }
}
else
{
    System.out.println("INVALID CHOICE");
}
}
}
```

```
c:\JAVA\bin>javac Bank.java

c:\JAVA\bin>java bank
1-CURRENT ACCOUNT
 2-SAVINGS ACCOUNT
1
ENTER NAME,ACCOUNT NUMBER AND OPENING BALANCE
nithin
12344
3000
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
1
ENTER THE AMOUNT TO BE DEPOSITED
2000
THE REMAINING BALANCE OF THE ACOOUNT= 5000.0
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
3
ENTER THE AMOUNT TO BE WITHDRAWED
2000
AMOUNT OF2000IS WITHDRAWED FROM THE ACCOUNT
REMAINING BALANCE IS=3000.0
1:DEPOSIT
```

Bowler.class
circle.class
circle.java   1
count.class

```
179              }
180         }
181     else
182     {
183         System.out.println("INVALID CHOICE");
184     }
```

```
ENTER THE AMOUNT TO BE WITHDRAWED
2000
AMOUNT OF2000IS WITHDRAWED FROM THE ACCOUNT
REMAINING BALANCE IS=3000.0
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
3
ENTER THE AMOUNT TO BE WITHDRAWED
2000
AMOUNT OF2000IS WITHDRAWED FROM THE ACCOUNT
REMAINING BALANCE IS=1000.0
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
2
AMOUNT OF 145/- IS DEDUCTED FROM UR ACCOUNT DUE TO LESS BALANCE
BALANCE=855.0
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
4

c:\JAVA\bin>javac Bank.java
```

Bowler.class
circle.class
circle.java   1
count.class
count.java   1

```
179          }
180        }
181      else
182      {
183          System.out.println("INVALID CHOICE");
184      }
```

```
3000
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
3
ENTER THE AMOUNT TO BE WITHDRAWED
2000
AMOUNT OF2000IS WITHDRAWED FROM THE ACCOUNT
REMAINING BALANCE IS=1000.0
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
2
AMOUNT OF 145/- IS DEDUCTED FROM UR ACCOUNT DUE TO LESS BALANCE
BALANCE=855.0
1:DEPOSIT
2:DISPLAY BALANCE
 3:WITHDRAWAL
 4-exit
ENTER THE CHOICE
4
```