

Program to implement the concept of inheritance with the help of bank operation

```
import java.io.*;
class acc
{
    static float bal=0.0f;

    void dep(float a)
    {
        bal=bal+a;
        balance();
    }
    void wdraw(float a)
    {
        if(a<=bal)
            bal=bal-a;
        else
            System.out.println("Not enough balance in ur account");
        balance();
    }
    void balance()
    {
        System.out.println("The current balance in ur account is: "+bal);
    }
}
```

```

class main_acc
{
    public static void main(String arg[])
    {
        int ch=0,z=0;
        float a=0.0f;
        acc a1=new acc();
        DataInputStream ins=new DataInputStream(System.in);
        System.out.println("1:Deposit");
        System.out.println("2:Withdraw");
        do
        { try
            {   System.out.println("Enter ur choice ");
                ch=Integer.parseInt(ins.readLine());
            }
            catch(IOException e)
            { }
            try
            {   if(ch==1)
                {   System.out.print("Enter how much money u want to deposit ");
                    a=Integer.parseInt(ins.readLine());
                    a1.dep(a);
                }
                else if(ch==2)
                {   System.out.print("Enter how much money u want to withdraw ");
                    a=Integer.parseInt(ins.readLine());
                }
            }
        }
    }
}

```

```
        a1.wdraw(a);
    }
else
    System.out.println("Not a valid choice");

    System.out.println("Press 0 if u want another transaction ");
    z=Integer.parseInt(ins.readLine());
}
catch(IOException e)
{ }
}
while(z==0);
}
}
```

Output:

```
C:\Documents and Settings\Administrator\Desktop\java\New Folder>java main_acc
1:Deposit
2:Withdraw
Enter ur choice
1
Enter how much money u want to deposit 500
The current balance in ur account is: 500.0
Press 0 if u want another transaction
0
Enter ur choice
2
Enter how much money u want to withdraw 250
The current balance in ur account is: 250.0
Press 0 if u want another transaction
9
```