

Java program for Online Banking

```
import java.util.Scanner;

public class Banking {

    public long accno;
    public String name;
    public long balance;
    public String password;
    public boolean verify;
    Scanner sc = new Scanner(System.in);

    //Method for login verification
    void loginverify() {
        System.out.println("Enter Username:");
        name = sc.next();
        System.out.println("Enter Password: ");
        password = sc.next();
        if((name=="SAM")&&(password=="user"))
        {
            System.out.println("Welcome"+name);
            verify=true;}

        else
            System.out.println("Invalid Username or Password");
    }

    //method to display account details
```

```
void show_account_details() {  
    long accno = 1356110118634L;  
    System.out.println(name + "," + accno + "," + balance);  
}  
  
//method to deposit money  
void deposit() {  
    long amount;  
    System.out.println("Enter Amount to Deposit : ");  
    amount = sc.nextLong();  
    balance = balance + amount;  
    System.out.println("Balance="+balance);  
}  
  
//method to withdraw money  
void withdraw () {  
    long amount;  
    System.out.println("Enter Amount you want to withdraw : ");  
    amount = sc.nextLong();  
    if (balance >= amount) {  
        balance = balance - amount;  
        System.out.println("Current balance="+balance);  
    } else {  
        System.out.println("Less Balance..Unable to withdraw");  
    }  
}
```

```

void transfer() {

    long accno;
    float amt;
    int flag=1;
    System.out.println("Enter Account number of receiver: ");
    accno=sc.nextLong();
    System.out.println("Enter amount to be transferred: ");
    amt=sc.nextLong();
    if((balance-amt)>=1000)
    {
        if(amt>0)
        {
            flag=1;
            balance-=amt;
            System.out.println("Rs."+amt+" has been transfered to
"+accno);
            System.out.println("\nYour Current Balance:
Rs."+balance);}

        if(flag==0)
            System.out.println("Account not found...");
    }
    else
        System.out.println("Sorry! Insufficient Balance.");
}

```

```
public static void main(String args[]) {  
    Scanner sc = new Scanner(System.in);  
    Banking ob = new Banking();  
    int ch;  
    long balance = 5000;  
    ob.loginverify();  
    if(ob.verify == true){  
        System.out.println("Main Menu\n1.Show Account Details \n 2.  
Deposit\n 3. Withdraw\n 4.Transfer Money\n 5.Exit ");  
        System.out.println("Ur Choice :");  
        ch = sc.nextInt();  
        switch (ch) {  
            case 1:  
                ob.show_account_details ();  
                break;  
            case 2:  
                ob.deposit ();  
                break;  
            case 3:  
                ob.withdraw ();  
                break;  
            case 4:  
                ob.transfer ();  
                break;  
  
            case 5:  
                System.out.println("Thank you..");  
        }  
    }  
}
```

```
break;
```

```
}}}}
```

Output Screenshots in Command Prompt:

```
C:\Users\Sangeetha\Documents\command>javac Banking.java
```

```
C:\Users\Sangeetha\Documents\command>java Banking
```

```
Enter Username:
```

```
SAM
```

```
Enter Password:
```

```
user
```

```
WelcomeSAM
```

```
Main Menu
```

```
1.Show Account Details
```

```
2. Deposit
```

```
3. Withdraw
```

```
4.Transfer Money
```

```
5.Exit
```

```
Ur Choice :
```

```
1
```

```
SAM,1356110118634,5000
```

```
C:\Users\Sangeetha\Documents\command>java Banking
```

```
Enter Username:
```

```
SAM
```

```
Enter Password:
```

```
user
```

```
WelcomeSAM
```

```
Main Menu
```

```
1.Show Account Details
```

```
2. Deposit
```

```
3. Withdraw
```

```
4.Transfer Money
```

```
5.Exit
```

```
Ur Choice :
```

```
2
```

```
Enter Amount to Deposit :
```

```
1000
```

```
Balance=6000
```

```
C:\Users\Sangeetha\Documents\command>java Banking
```

```
Enter Username:
```

```
SAM
```

```
Enter Password:
```

```
user
```

```
C:\Users\Sangeetha\Documents\command>java Banking
Enter Username:
SAM
Enter Password:
user
WelcomeSAM
Main Menu
1.Show Account Details
  2. Deposit
  3. Withdraw
  4.Transfer Money
  5.Exit
Ur Choice :
3
Enter Amount you want to withdraw :
500
Current balance=5500
```

```
C:\Users\Sangeetha\Documents\command>java Banking
Enter Username:
SAM
Enter Password:
user
WelcomeSAM
Main Menu
1.Show Account Details
  2. Deposit
  3. Withdraw
  4.Transfer Money
  5.Exit
Ur Choice :
4
Enter Account number of receiver:
4312567899876
Enter amount to be transferred:
6000
Sorry! Insufficient Balance.
```