

Create a Project Named BankAccount (main class)

1. Suppose you have to create a program for **JointAccount** users. So first you have to create a JointAccount class. In this class, there will be a **double** variable named **balance** which should be both **private** and **static**.

Create proper constructors, getter setter methods as per your requirements.

2. Now the JointAccount will be used by Users.

So create a **User** class which **inherits** the JointAccount class. Here, there will be an integer variable named userID. This variable should be **private** but **not static**.

Create proper constructors, getter setter methods as per your requirements.

3. In the User class, create two static methods.

double Debit(double amount) which returns balance - amount
double Credit(double amount) which returns balance + amount

You have to get the balance from the superclass JointAccount class.

4. Now go to the main method and assign value to **balance** variable of JointAccount. Take user inputs.

Create 2 objects of User and assign value to the userID variables.

Call the Debit() and Credit() methods of User class.

Finally, print the userID, debited/credited amount and final balance for each user.

See the output given in the next page for more clarity.

Sample Input	Sample Output
Enter Balance: 50000 Enter First User ID: 123 Enter Second User ID: 678 Enter debit amount: 450 Enter credit amount: 380	User ID: 123 Debited Amount: 450.0 Balance: 49550.0 User ID: 678 Credited Amount: 380.0 Balance: 50380.0