Account

-name:String:defaultvalue
-accno:long
-bal:double

+Account(name,accno)

Transaction

+deposit(amt,refOfAccount): void
+withdraw(amt,refOfAccount):void
+checkBal(refOfAccount):void

<<interface>> BankUser

+transaction(amt,accountref, choice)

implements

Atm

+transaction(amt,account ref, choice)

PhonePay

+transaction(amt,account ref, choice)
+send(amt):void
+receive():void

Gpay

+transaction(amt,account ref, choice)
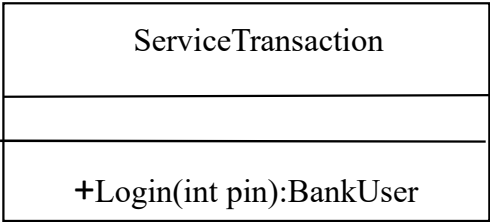+send(amt):void
+receive():void

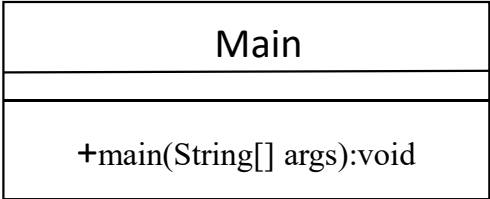**Note hide the logic that u implemented inside the Transaction methods.**

In Atm
Choice 1 = deposit()
Choice 2 = withdraw()
Choice 3 = checkBal()
Else invalid choice

In PhonePay
Choice 1 = deposit()
Choice 2 = withdraw()
Choice 3 = checkBal()
Else invalid choice

In Gpay
Choice 1 = deposit()
Choice 2 = withdraw()
Choice 3 = checkBal()
Else invalid choice

ServiceTransaction

+Login(int pin):BankUser

If you pass 1111 you are Atm user
If you pass 2222 you are PhonePay User
If you pass 3333 you are Gpay user
else Invalid

Main

+main(String[] args):void

1. Create object of Account and pass your data
2. Access that Account as AtmUser and deposit and withdraw some amount.
3. Access that Account as PhonePay and deposit and withdraw some amount
4. Access that Account as Gpay and deposit and withdraw some amount.

Note: In all the cases balance will be debited from your bank account.