

## TRANSFERAMOUNT CLASS

```
package com.Bank.App;

import java.util.Scanner;

import com.Bank.DAO.CustomerDAO;
import com.Bank.DAO.CustomerDAOImpl;
import com.Bank.DAO.TransactionDAO;
import com.Bank.DAO.TransactionDAOImpl;
import com.Bank.DTO.Customer;
import com.Bank.DTO.Transaction;
import com.Bank.DTO.TransactionID;

public class TransferAmount {
    public static void transferAmount(Customer c)//c -> sender
    account which you logged in
    {
        CustomerDAO cdao=new CustomerDAOImpl();
        Transaction t1=null; //sender transaction details
        Transaction t2=null; //receiver transaction details
        TransactionDAO tdao=new TransactionDAOImpl();
```

```
Scanner sc=new Scanner(System.in);
System.out.println("Enter the amount to be transferred");
double amount=sc.nextDouble();
System.out.println("Enter the benificiary account number");
long receiver_accno=sc.nextLong(); //receiver -> receiver
data
Customer receiver=cdao.getCustomer(receiver_accno);

if(c.getAccno()!=receiver.getAccno() && c.getBal()>0 && c.getBal()>
=amount && amount>0)
{
    System.out.println("Enter the PIN");
    int pin=sc.nextInt();
    if(pin==c.getPin())
    {
        c.setBal(c.getBal()-amount);
        boolean c_res=cdao.updateCustomer(c);
//updateCustomer() already overridden in deposit module inside
CustomerDAOImpl
        if(c_res)
        {
            t1=new Transaction();
```

```
t1.setTransactionId(TransactionID.generateTransactionId());
    t1.setUser(c.getAccno());
    t1.setRec_acc(receiver.getAccno());
    t1.setTransaction("DEBITED");
    t1.setAmount(amount);
    t1.setBalance(c.getBal());
    boolean res1=tdao.insertTransaction(t1);
}

//insertTransaction() already overridden in deposit module
inside TransactionDAOImpl
    //amount is getting debited from sender account
    receiver.setBal(receiver.getBal()+amount);
    boolean receiver_res=cdao.updateCustomer(receiver);
    if(receiver_res)
    {
        {
            t2=new Transaction();
            t2.setTransactionId(t1.getTransactionId());
            t2.setUser(receiver.getAccno());
            t2.setRec_acc(c.getAccno());
            t2.setTransaction("CREDITED");
```

```
        t2.setAmount(amount);
        t2.setBalance(receiver.getBal());
        boolean res1=tdao.insertTransaction(t2);
    }
}
//amount is getting credited to receiver account
if(c_res&&receiver_res)
{
    System.out.println("Transaction successful");
}
else
{
    System.out.println("Transaction failed!!!");
}
}
}
else
{
    System.out.println("Transaction failed!!!");
}
}
}
```