

## DEPOSIT 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 Deposit {

    public static void deposit(Customer c)
    {
        CustomerDAO cdao=new CustomerDAOImpl();
        TransactionDAO tdao=new TransactionDAOImpl();
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the amount to be deposited");
```

```
double amount=sc.nextDouble();
c.setBal(c.getBal()+amount);
boolean res=cdao.updateCustomer(c);
if(res)
{
    Transaction t=new Transaction();

t.setTransactionId(TransactionID.generateTransactionId());
    t.setUser(c.getAccno());
    t.setRec_acc(c.getAccno());
    t.setTransaction("CREDITED");
    t.setAmount(amount);
    t.setBalance(c.getBal());
    boolean res1=tdao.insertTransaction(t);
    if(res)
    {
        System.out.println("Amount of Rs."+amount+" has been
added successfully!");
        System.out.println("Your updated balance is
Rs."+c.getBal());
    }
    else
```

```
        {  
            System.out.println("Failed to deposit! Try again  
later");  
        }  
    }  
}
```

//Override the below logic in CustomerDAOImpl class

@Override

```
    public boolean updateCustomer(Customer c) {  
        PreparedStatement ps=null;  
        int res=0;  
        String query="UPDATE CUSTOMER SET  
NAME=?,PHONE=?,MAIL=?,BALANCE=?,PIN=? WHERE ACC_NO=?";  
        try {  
            con.setAutoCommit(false);  
            ps=con.prepareStatement(query);  
            ps.setString(1, c.getName());  
            ps.setLong(2, c.getPhone());  
            ps.setString(3, c.getMail());
```

```
ps.setDouble(4, c.getBal());
ps.setInt(5, c.getPin());
ps.setLong(6, c.getAccno());
res=ps.executeUpdate();

} catch (SQLException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}
if(res>0)
{
    try {
        con.commit();
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
    return true;
}
else
{
    try {
```

```
        con.rollback();
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
    return false;
}
}
```

//Override the below logic in TransactionDAOImpl class

@Override

```
    public boolean insertTransaction(Transaction t) {
        PreparedStatement ps=null;
        String query="INSERT INTO
PASSBOOK (TRAN_ID,USER_ACC,REC_ACC,TRAN_DATE,TRAN_TYPE,AMOUNT,BALANCE) "
                + " VALUES (?, ?, ?, sysdate(), ?, ?, ?) ";
        int res=0;
        try {
            con=Connector.requestConnection();
            ps=con.prepareStatement(query);
            ps.setLong(1,t.getTransactionId());
```

```
ps.setLong(2, t.getUser());
ps.setLong(3, t.getRec_acc());
ps.setString(4, t.getTransaction());
//ps.setDate(5,d);
ps.setDouble(5, t.getAmount());
ps.setDouble(6, t.getBalance());
res=ps.executeUpdate();
} catch (SQLException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}
if(res>0)
{
    return true;
}
else
{
    return false;
}
}
```