**SIGNUP CLASS**

```java
package com.Bank.App;

import java.util.Scanner;

import com.Bank.DAO.CustomerDAO;
import com.Bank.DAO.CustomerDAOImpl;
import com.Bank.DTO.Customer;

public class Signup
{
    public static void signup()
    {
        Customer c=new Customer();
        CustomerDAO cdao=new CustomerDAOImpl();
        Scanner sc=new Scanner(System.in);
        System.out.println("<===Application Form===>");

        System.out.println("Enter your name");
        c.setName(sc.next());
```

```java
System.out.println("Enter your phone");
c.setPhone(sc.nextLong());

System.out.println("Enter your mail ID");
c.setMail(sc.next());

System.out.println("Set a Pin");
int pin=sc.nextInt();

System.out.println("Confirm the Pin");
int confirm=sc.nextInt();

if(pin==confirm)
{
    c.setPin(pin);
    boolean res=cdao.insertCustomer(c);
    if(res)
    {
        System.out.println("Data added successfully!");
        c=cdao.getCustomer(c.getPhone(), c.getMail());
        System.out.println("Your account number is
"+c.getAccno());
```

```java
        }
        else
        {
            System.out.println("Failed to create a account");
        }
    }

}
```

//Override the below logic in CustomerDAOImpl class

```java
    @Override
    public boolean insertCustomer(Customer c) {
        PreparedStatement ps=null;
        String query="INSERT INTO
CUSTOMER(NAME,PHONE,MAIL,PIN)VALUES(?,?,?,?)";
        int res=0;
        try {
            con.setAutoCommit(false);
            ps=con.prepareStatement(query);
```

```java
            ps.setString(1,c.getName());
            ps.setLong(2, c.getPhone());
            ps.setString(3, c.getMail());
            ps.setInt(4, c.getPin());
            res=ps.executeUpdate();
        } catch (SQLException e) {
            e.printStackTrace();
        }
        if(res>0)
        {
            try {
                con.commit();
            } catch (SQLException e) {
                // TODO Auto-generated catch block
                e.printStackTrace();
            }
            return true;
        }
        else
        {
            try {
                con.rollback();
```

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

//Override the below logic in CustomerDAOImpl class

```java
@Override
    public Customer getCustomer(long phone, String mail) {
        PreparedStatement ps=null;
        ResultSet rs=null;
        Customer c=null;
        String query="SELECT * FROM CUSTOMER WHERE PHONE=? AND
MAIL=?";
        try {
            ps=con.prepareStatement(query);
            ps.setLong(1,phone);
            ps.setString(2, mail);
            rs=ps.executeQuery();
```

```java
        if(rs.next())
        {
            c=new Customer();
            c.setAccno(rs.getInt(1));
            c.setName(rs.getString(2));
            c.setPhone(rs.getLong(3));
            c.setMail(rs.getString(4));
            c.setBal(rs.getDouble(5));
            c.setPin(rs.getInt(6));
        }
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
    return c;
}
```