### CONTROLS USED IN JAVA

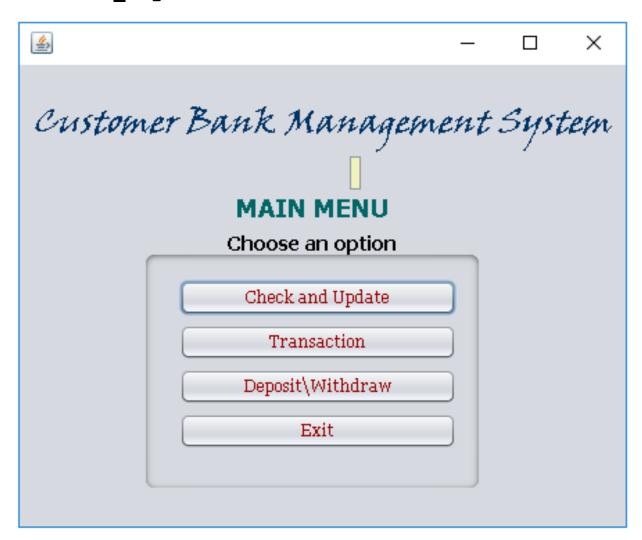
- > jLabel
- > jTextField
- > jComboBox
- > jPasswordField
- > jTable
- > jPanel
- > jButton
- > jRadioButton

## STRUCTURE OF MYSQL TABLE

```
mysql> use ipproject;
Database changed
mysql> sh<mark>o</mark>w tables;
  Tables_in_ipproject
  accountdetails
  deposit withdrawaldetails
  transactiondetails
3 rows in set (0.04 sec)
mysal> desc accountdetails:
 Field
                 Туре
                                  Null | Key | Default | Extra
  AccountNo
                 int(14)
                                  NO
                                         PRI
                                                NULL
  Name
                 varchar(40)
                                  NO
                                                NULL
  Password
                 varchar(20)
                                  NO
                                                NULL
  Address
                 varchar(100)
                                  NO
                                                NULL
  MobileNo
                 decimal(10,0)
                                  NO
                                                NULL
  FatherName
                 varchar(40)
                                  NO
                                                NULL
  TotalAmount
                 decimal(30,2)
                                  NO
                                                NULL
  PIN
                 int(10)
                                  NO
                                                NULL
  Status
                 varchar(8)
                                  NO
                                                NULL
  DateLastUsed
                                  NO
                                                NULL
10 rows in set (0.00 sec)
mysql> desc transactiondetails;
 Field
                                       Null | Key | Default | Extra
                      Туре
  AccountNoSender
                       int(14)
                                       NO
                                                     NULL
  AccountNoReciever
                       int(14)
                                       NO
                                                     NULL
  NameSender
                       varchar(40)
                                       NO
                                                     NULL
  NameReciever
                       varchar(40)
                                       NO
                                                     NULL
                       decimal(20,2)
  Amount
                                       NO
                                                     NULL
  DateOfTransaction
                                       NO
                                                     NULL
6 rows in set (0.00 sec)
mysql> desc deposit_withdrawaldetails;
 Field
                               Null | Key | Default | Extra
              varchar(40)
                               NO
                                             NULL
  Amount
              decimal(20,2)
                               NO
                                             NULL
  D W
              varchar(20)
                               NO
                                             NULL
  DateOfDW
              date
                               NO
                                             NULL
  AccountNo | int(14)
                               NO
                                             NULL
 rows in set (0.00 sec)
```

#### SOURCE CODE

1. Home\_Page(Form)



```
import javax.swing.JOptionPane;
private void
btnCheackUpdateActionPerformed(java.awt.event.ActionEvent evt) {
new CheckandUpdate Registered Customers().setVisible(true);
private void
btnTransactionActionPerformed(java.awt.event.ActionEvent evt) {
new Transaction().setVisible(true);
    }
private void btnExitActionPerformed(java.awt.event.ActionEvent
int ays=JOptionPane.showConfirmDialog(null, "Are you Sure you
want to Exit?");
        if(ays==0)
            System.exit(0);
    }
private void
btnDepositWithdrawActionPerformed(java.awt.event.ActionEvent
evt) {
new Deposit Withdraw().setVisible(true);
```

# 2. CheckandUpdate\_Registered\_Customers(Form)

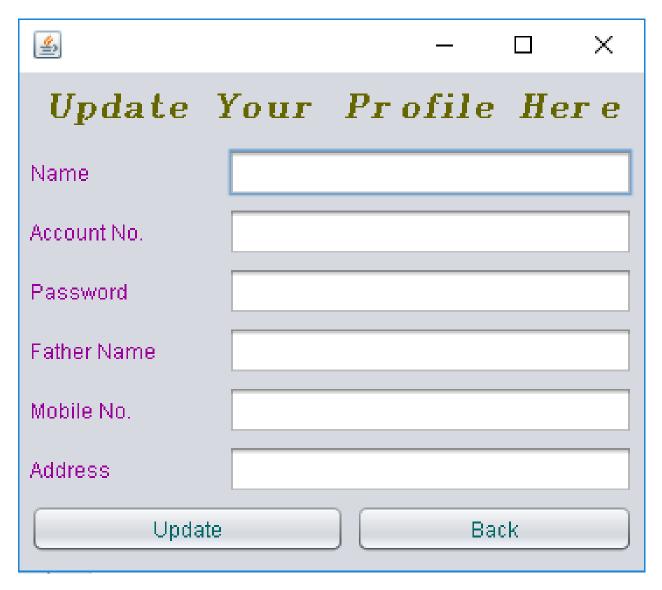


```
import com.mysql.jdbc.Connection;
import com.mysql.jdbc.Statement;
import java.sql.DriverManager;
import java.sql.ResultSet;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import javax.swing.table.TableColumn;
private void
btnCheckDetailsActionPerformed(java.awt.event.ActionEvent evt) {
nam=txtName.getText(),accountno=txtAccountNo.getText(),sta="Acti
ve";
char[] password=txtPassword.getPassword();
String pass=String.valueOf(password);
DefaultTableModel model=(DefaultTableModel)
        tblDetails.getModel();
int rows=model.getRowCount();
if(rows>0)
    for(int i=0;i<rows;i++)</pre>
        model.removeRow(0);
    }
DefaultTableModel mode=new DefaultTableModel();
tblDetails.setModel(mode);
try
{
    Class.forName("com.mysql.jdbc.Driver");
    Connection con=(Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/ipproje
ct?&useSSL=false", "root", "gta54321");
    Statement stmt=(Statement) con.createStatement();
    if(optAccDetails.isSelected())
    String query1="SELECT * FROM ACCOUNTDETAILS where
AccountNo='"+accountno+"' and Name='"+nam+"' and
Password='"+pass+"';";
    ResultSet rs=stmt.executeQuery(query1);
    mode.addColumn("Account Number");
    mode.addColumn("Name");
    mode.addColumn("Father Name");
    mode.addColumn("Mobile Number");
    mode.addColumn("Address");
```

```
mode.addColumn("Total Amount in Acount");
    mode.addColumn("Last Used");
    while(rs.next())
        String Name=rs.getString("Name");
        String AccountNo=rs.getString("AccountNo");
        String mob=rs.getString("MobileNo");
        String Fname=rs.getString("FatherName");
        String adr=rs.getString("Address");
        String tot=rs.getString("TotalAmount");
        String dlu=rs.getString("DateLastUsed");
        mode.addRow(new Object[]
{AccountNo, Name, Fname, mob, adr, tot, dlu});
    }
else if(optTransaction.isSelected())
   String query2="SELECT * FROM
transactiondetails, accountdetails where
accountdetails.AccountNo=transactiondetails.AccountNoSender and
((AccountNoSender='"+accountno+"' and NameSender='"+nam+"' and
Password='"+pass+"') or (AccountNoReciever='"+accountno+"' and
NameReciever='"+nam+"' and Password='"+pass+"'));";
    ResultSet rs=stmt.executeQuery(query2);
    mode.addColumn("Account Number of Sender");
    mode.addColumn("Name of Sender");
    mode.addColumn("Account Number of Sender");
    mode.addColumn("Name of Sender");
    mode.addColumn("Transaction Amount");
    mode.addColumn("Date Of Transaction");
    while(rs.next())
        String nameS=rs.getString("NameSender");
        String AccountS=rs.getString("AccountNoSender");
        String AccountR=rs.getString("AccountNoReciever");
        String nameR=rs.getString("NameReciever");
        String Amt=rs.getString("Amount");
        String dot=rs.getString("DateOfTransaction");
        mode.addRow(new Object[]
{AccountS, nameS, AccountR, nameR, Amt, dot});
    else if(optDW.isSelected())
   String query3="SELECT * FROM
deposit withdrawaldetails, accountdetails where
```

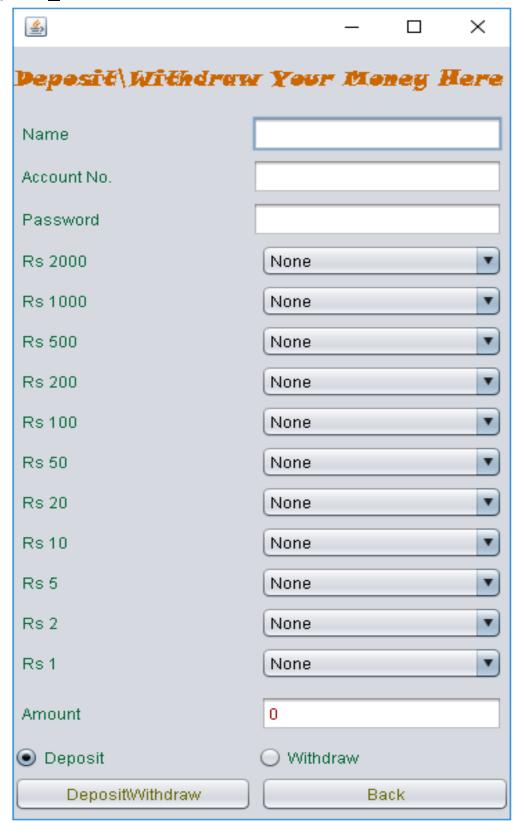
```
accountdetails.AccountNo=deposit withdrawaldetails.AccountNo and
accountdetails.AccountNo='"+accountno+"' and
accountdetails.Name='"+nam+"' and Password='"+pass+"';";
    ResultSet rs=stmt.executeQuery(query3);
    mode.addColumn("Account Number");
    mode.addColumn("Name");
    mode.addColumn("Deposit/Withdraw");
    mode.addColumn("Deposit/Withdraw Amount");
    mode.addColumn("Date Of Deposit/Withdraw");
    while(rs.next())
    {
        String nams=rs.getString("Name");
        String Account=rs.getString("AccountNo");
        String dw=rs.getString("D W");
        String Amnt=rs.getString("Amount");
        String dodw=rs.getString("DateOfDW");
        mode.addRow(new Object[] {Account, nams, dw, Amnt, dodw});
    }
}
}
catch (Exception e)
     {
            JOptionPane.showMessageDialog(this, e.getMessage());
    }
private void btnUpdateActionPerformed(java.awt.event.ActionEvent
evt) {
new Update Profile Customers().setVisible(true);
    }
private void formWindowGainedFocus(java.awt.event.WindowEvent
evt) {
optAccDetails.setSelected(true);
    }
private void btnBackActionPerformed(java.awt.event.ActionEvent
evt) {
this.setVisible(false);
    }
```

### 3. Update\_Profile\_Customers(Form)



```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;
import javax.swing.JOptionPane;
private void
btnCheckDetailsActionPerformed(java.awt.event.ActionEvent evt) {
accountno=txtAccountNo.getText(),FName=txtFName.getText(),Mob=tx
tMob.getText(),Adrs=txtAddress.getText(),name=txtName.getText()
char[] password=txtPassword.getPassword();
String pass=String.valueOf(password);
try
        {
            Class.forName("java.sql.DriverManager");
            Connection con=(Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/ipproje
ct?&useSSL=false", "root", "gta54321");
            Statement stmt=(Statement) con.createStatement();
        String query="UPDATE accountdetails SET
FatherName='"+FName+"', MobileNo='"+Mob+"', Address='"+Adrs+"'
where Status='Active' and Name='"+name+"' and
AccountNo='"+accountno+"' and Password='"+pass+"';";
        stmt.executeUpdate(query);
        JOptionPane.showMessageDialog(null, "Profile
modified!\nThank You!");
        catch(Exception e)
            JOptionPane.showMessageDialog(this,e.getMessage());
    }
private void btnBackActionPerformed(java.awt.event.ActionEvent
evt) {
this.setVisible(false);
    }
```

### 4. Deposit\_Withdraw(Form)



```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;
import javax.swing.JOptionPane;
int
a1000=0, a500=0, a200=0, a100=0, a50=0, a20=0, a2000=0, a10=0, a5=0, a2=0
,a1=0,amt=0;
    private void btnDWActionPerformed(java.awt.event.ActionEvent
evt) {
        String
accountno=txtAccountNo.getText(),Amt=txtAmount.getText(),name=tx
tName.getText(),pin=JOptionPane.showInputDialog(null, "Please
enter your Account PIN"),
        msg=" ";
        if(pin!=null)
        char[] password=txtPassword.getPassword();
        String pass=String.valueOf(password);
        try
        {
            Class.forName("java.sql.DriverManager");
            Connection con=(Connection)
DriverManager.getConnection("jdbc:mysgl://localhost:3306/ipproje
ct?&useSSL=false", "root", "gta54321");
            Statement stmt=(Statement) con.createStatement();
            String query1="UPDATE accountdetails SET
TotalAmount=TotalAmount+"+Amt+", DateLastUsed=sysdate() where
Name='"+name+"' and AccountNo='"+accountno+"' and
Password='"+pass+"' and PIN='"+pin+"' and Status='Active';"
                    , query2="UPDATE accountdetails SET
TotalAmount=TotalAmount-"+Amt+", DateLastUsed=sysdate() where
Name='"+name+"' and AccountNo='"+accountno+"' and
Password='"+pass+"' and PIN='"+pin+"' and Status='Active';"
                    , query4="INSERT INTO
deposit withdrawaldetails
VALUES('"+name+"','"+Amt+"','Deposited',sysdate(),'"+accountno+"
'); ", query5="INSERT INTO deposit withdrawaldetails
VALUES('"+name+"','"+Amt+"','Withdrawn',sysdate(),'"+accountno+"
');";
            if (optDeposit.isSelected())
            stmt.executeUpdate(query1);
            stmt.executeUpdate(query4);
            msg="Rs '"+Amt+"' is Deposited!";
```

```
else if(optWithdraw.isSelected())
            stmt.executeUpdate(query2);
            stmt.executeUpdate(query5);
            msg="Rs '"+Amt+"' is Withdrawn!";
            JOptionPane.showMessageDialog(null,msg+"\nThank
You!");
        catch(Exception e)
            JOptionPane.showMessageDialog(this,e.getMessage());
    }
private void btnBackActionPerformed(java.awt.event.ActionEvent
evt) {
        this.setVisible(false);
    }
private void cob500ActionPerformed(java.awt.event.ActionEvent
if (cob500.getSelectedItem() == "None")
    a500=0;
else
    a500=500*(Integer.parseInt((String)
cob500.getSelectedItem());
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob200ActionPerformed(java.awt.event.ActionEvent
if (cob200.getSelectedItem() == "None")
   a200=0;
}
else
```

```
a200=200*(Integer.parseInt((String)
cob200.getSelectedItem()));
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob100ActionPerformed(java.awt.event.ActionEvent
evt) {
if (cob100.getSelectedItem() == "None")
    a100=0;
}
else
    a100=100*(Integer.parseInt((String)
cob100.getSelectedItem());
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob50ActionPerformed(java.awt.event.ActionEvent
if (cob50.getSelectedItem() == "None")
    a50=0;
else
    a50=50*(Integer.parseInt((String) cob50.getSelectedItem()));
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob20ActionPerformed(java.awt.event.ActionEvent
evt) {
if (cob20.getSelectedItem() == "None")
    a20=0;
}
else
{
    a20=20*(Integer.parseInt((String) cob20.getSelectedItem()));
```

```
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob10ActionPerformed(java.awt.event.ActionEvent
evt) {
if (cob10.getSelectedItem() == "None")
   a10=0;
else
    a10=10*(Integer.parseInt((String) cob10.getSelectedItem()));
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob5ActionPerformed(java.awt.event.ActionEvent evt)
if (cob5.getSelectedItem() == "None")
   a5=0;
else
    a5=5*(Integer.parseInt((String) cob5.getSelectedItem()));
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob2ActionPerformed(java.awt.event.ActionEvent evt)
{
if (cob2.getSelectedItem() == "None")
   a2=0;
else
    a2=2*(Integer.parseInt((String) cob2.getSelectedItem()));
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
```

```
txtAmount.setText(" "+amt);
    }
private void cob1ActionPerformed(java.awt.event.ActionEvent evt)
if (cob1.getSelectedItem() == "None")
    a1=0;
}
else
    a1=1*(Integer.parseInt((String) cob1.getSelectedItem()));
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void cob1000ActionPerformed(java.awt.event.ActionEvent
evt) {
if (cob1000.getSelectedItem() == "None")
    a1000=0;
else
    a1000=1000*(Integer.parseInt((String)
cob1000.getSelectedItem()));
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
    }
private void formWindowGainedFocus(java.awt.event.WindowEvent
txtAmount.setEditable(false);
optDeposit.setSelected(true);
    }
private void cob2000ActionPerformed(java.awt.event.ActionEvent
evt) {
if (cob2000.getSelectedItem() == "None")
    a2000=0;
}
```

```
else
{
     a2000=2000*(Integer.parseInt((String)
cob2000.getSelectedItem()));
}
amt=a1000+a500+a200+a100+a50+a20+a10+a5+a2+a1+a2000;
txtAmount.setText(" "+amt);
}
```

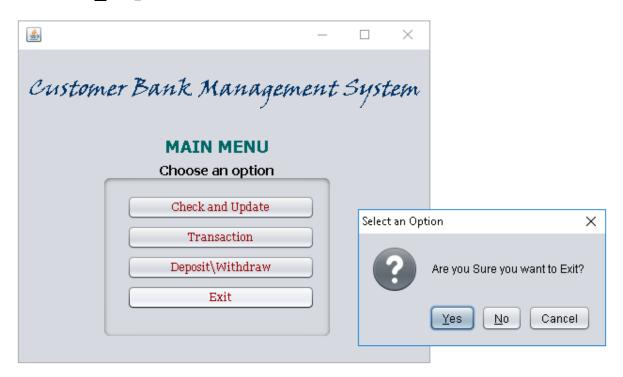
### 5. Transaction(Form)



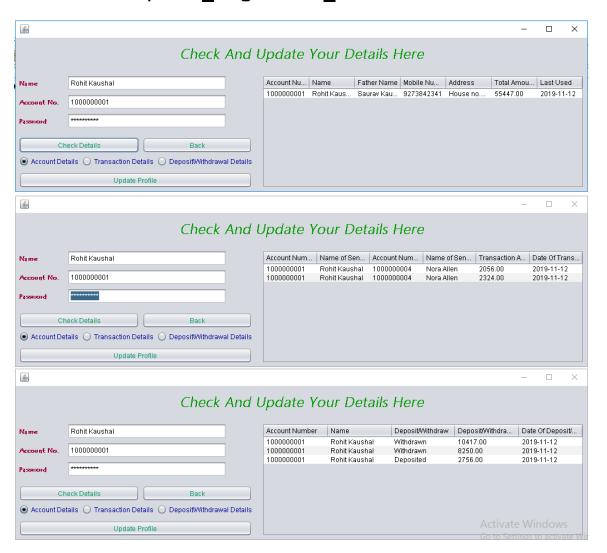
```
import com.mysql.jdbc.Connection;
import com.mysql.jdbc.Statement;
import java.sql.DriverManager;
import javax.swing.JOptionPane;
private void
btnTransferActionPerformed(java.awt.event.ActionEvent evt) {
namS=txtNameSender.getText(),namR=txtNameReciever.getText(),accn
oS=txtAccountNoSender.getText()
,accnoR=txtAccountNoReciever.getText(),amnt=txtAmount.getText(),
pin=JOptionPane.showInputDialog(null, "Please enter your Account
char[] password=txtPasswordSender.getPassword();
String pass=String.valueOf(password);
try
{
    Class.forName("java.sql.DriverManager");
    Connection con=(Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/ipproje
ct?&useSSL=false", "root", "gta54321");
    Statement stmt=(Statement) con.createStatement();
    String query1="SET AUTOCOMMIT=0;"
            , query2="UPDATE accountdetails SET
TotalAmount=TotalAmount-"+amnt+", DateLastUsed=sysdate() where
Name='"+namS+"' and AccountNo='"+accnoS+"' and
Password='"+pass+"' and PIN='"+pin+"' and Status='Active';"
            , query3="UPDATE accountdetails SET
TotalAmount=TotalAmount+"+amnt+", DateLastUsed=sysdate() where
Name='"+namR+"' and AccountNo='"+accnoR+"' and Status='Active';"
            ,query4="INSERT INTO transactiondetails
VALUES ('"+accnoS+"', '"+accnoR+"', '"+namS+"', '"+namR+"', '"+amnt+"
', sysdate()); ", queryRb="Rollback; ", queryCo="Commit; ";
        stmt.executeUpdate(query1);
        stmt.executeUpdate(query2);
        stmt.executeUpdate(guery3);
        stmt.executeUpdate(guery4);
        int rbco=JOptionPane.showConfirmDialog(null, "Are you
Sure you want to Transfer Rs. "+amnt+" to Account No."+accnoR+"
of "+namR+"?");
        if(rbco==0)
            stmt.executeUpdate(queryCo);
        }
```

#### **OUTPUT**

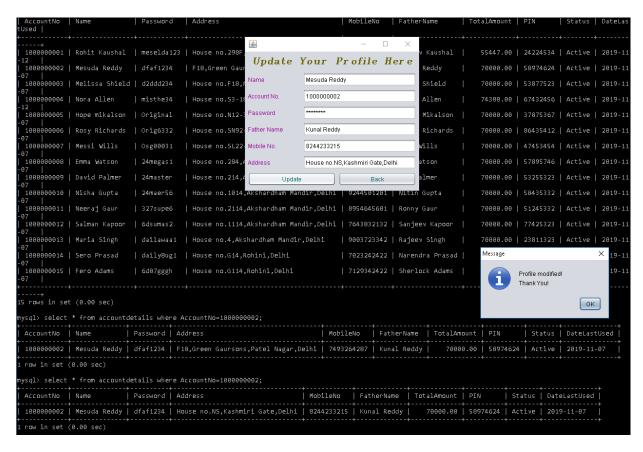
# 1. Home\_Page(Form)



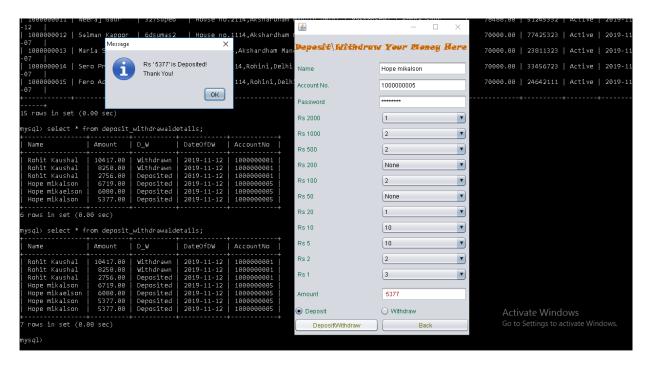
### 2. CheckandUpdate\_Registered\_Customers(Form)



## 3. Update\_Profile\_Customers(Form)



### 4. Deposit\_Withdraw(Form)



### 5. Transaction(Form)

