1. **Delete home.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

/\*\*

\*

\* @author rishi

\*/

public class DeleteHome extends javax.swing.JFrame {

/\*\*

\* Creates new form DeleteHome

\*/

public DeleteHome() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

btnDeleteStationery = new javax.swing.JButton();

btnDeleteStudents = new javax.swing.JButton();

btnDeleteSuppliers = new javax.swing.JButton();

btnDeleteTextbooks = new javax.swing.JButton();

btnDeleteUniform = new javax.swing.JButton();

btnDeleteClose = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Verdana", 1, 28)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 0, 51));

jLabel1.setText("Delete Records");

btnDeleteStationery.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnDeleteStationery.setText("Stationery");

btnDeleteStationery.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteStationeryActionPerformed(evt);

}

});

btnDeleteStudents.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnDeleteStudents.setText("Students");

btnDeleteStudents.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteStudentsActionPerformed(evt);

}

});

btnDeleteSuppliers.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnDeleteSuppliers.setText("Suppliers");

btnDeleteSuppliers.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteSuppliersActionPerformed(evt);

}

});

btnDeleteTextbooks.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnDeleteTextbooks.setText("Textbooks");

btnDeleteTextbooks.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteTextbooksActionPerformed(evt);

}

});

btnDeleteUniform.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnDeleteUniform.setText("Uniforms");

btnDeleteUniform.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteUniformActionPerformed(evt);

}

});

btnDeleteClose.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnDeleteClose.setText("Close");

btnDeleteClose.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteCloseActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(52, 52, 52)

.addComponent(btnDeleteStationery, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(49, 49, 49)

.addComponent(btnDeleteStudents, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(49, 49, 49)

.addComponent(btnDeleteSuppliers, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(184, 184, 184)

.addComponent(jLabel1)))

.addContainerGap(57, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnDeleteTextbooks, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(64, 64, 64)

.addComponent(btnDeleteUniform, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(138, 138, 138))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnDeleteClose, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(234, 234, 234))))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnDeleteStationery)

.addComponent(btnDeleteStudents)

.addComponent(btnDeleteSuppliers))

.addGap(62, 62, 62)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnDeleteTextbooks)

.addComponent(btnDeleteUniform))

.addGap(62, 62, 62)

.addComponent(btnDeleteClose)

.addContainerGap(63, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void btnDeleteStudentsActionPerformed(java.awt.event.ActionEvent evt) {

DeleteRecordStudents ob1 = new DeleteRecordStudents();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnDeleteTextbooksActionPerformed(java.awt.event.ActionEvent evt) {

DeleteRecordTextbooks ob1 = new DeleteRecordTextbooks();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnDeleteCloseActionPerformed(java.awt.event.ActionEvent evt) {

Home ob1 = new Home();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnDeleteStationeryActionPerformed(java.awt.event.ActionEvent evt) {

DeleteRecordStationery ob1 = new DeleteRecordStationery();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnDeleteSuppliersActionPerformed(java.awt.event.ActionEvent evt) {

DeleteRecordSuppliers ob1 = new DeleteRecordSuppliers();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnDeleteUniformActionPerformed(java.awt.event.ActionEvent evt) {

DeleteRecordUniform ob1 = new DeleteRecordUniform();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(DeleteHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(DeleteHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(DeleteHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(DeleteHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new DeleteHome().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnDeleteClose;

private javax.swing.JButton btnDeleteStationery;

private javax.swing.JButton btnDeleteStudents;

private javax.swing.JButton btnDeleteSuppliers;

private javax.swing.JButton btnDeleteTextbooks;

private javax.swing.JButton btnDeleteUniform;

private javax.swing.JLabel jLabel1;

// End of variables declaration

}

1. **Delete Record Stationery.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class DeleteRecordStationery extends javax.swing.JFrame {

/\*\*

\* Creates new form DeleteRecordStationery

\*/

public DeleteRecordStationery() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

StationeryTable = new javax.swing.JTable();

btnDelete = new javax.swing.JButton();

btnCloseDeleteStationery = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 28)); // NOI18N

jLabel1.setText("Delete Stationery");

StationeryTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"StationeryID", "StationeryName", "StationeryType", "StockInHand", "ReorderLevel", "UnitPrice", "SupplierID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(StationeryTable);

btnDelete.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnDelete.setText("Delete");

btnDelete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteActionPerformed(evt);

}

});

btnCloseDeleteStationery.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseDeleteStationery.setText("Close");

btnCloseDeleteStationery.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseDeleteStationeryActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(324, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(311, 311, 311))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addGap(251, 251, 251)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(98, 98, 98)

.addComponent(btnCloseDeleteStationery, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 315, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 38, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 40, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnCloseDeleteStationery, javax.swing.GroupLayout.PREFERRED\_SIZE, 40, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(34, 34, 34))

);

pack();

}// </editor-fold>

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Stationery");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

//JTableHeader th = StudentTable.getTableHeader();

//th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String stid = rs.getString("StationeryID");

String stnm = rs.getString("StationeryName");

String stp = rs.getString("StationeryType");

String sih = String.valueOf(rs.getInt("StockInHand"));

String rl = String.valueOf(rs.getInt("ReorderLevel"));;

String up = rs.getString("UnitPrice");

String sid = rs.getString("SupplierID");

System.out.println(stid+ stnm+ stp+ sih+ rl+ up+ sid);

String tbData[] = {stid, stnm, stp, sih, rl, up, sid};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {

int number = StationeryTable.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from Stationery WHERE StationeryID = '" + StationeryTable.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Stationery");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

tblModel.removeRow(number);

revalidate();

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseDeleteStationeryActionPerformed(java.awt.event.ActionEvent evt) {

DeleteHome ob1 = new DeleteHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStationery.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStationery.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStationery.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStationery.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new DeleteRecordStationery().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable StationeryTable;

private javax.swing.JButton btnCloseDeleteStationery;

private javax.swing.JButton btnDelete;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

3. **Delete Record Students.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class DeleteRecordStudents extends javax.swing.JFrame {

/\*\*

\* Creates new form DeleteRecordStudents

\*/

public DeleteRecordStudents() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

StudentTable = new javax.swing.JTable();

btnDelete = new javax.swing.JButton();

btnCloseDeleteStudents = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 28)); // NOI18N

jLabel1.setText("Delete Students");

StudentTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"StudentID", "StudentName", "ClassDiv", "FatherName", "MotherName", "FatherMobile", "MotherMobile"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(StudentTable);

btnDelete.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnDelete.setText("Delete");

btnDelete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteActionPerformed(evt);

}

});

btnCloseDeleteStudents.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseDeleteStudents.setText("Close");

btnCloseDeleteStudents.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseDeleteStudentsActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(335, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(323, 323, 323))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addGap(239, 239, 239)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(163, 163, 163)

.addComponent(btnCloseDeleteStudents, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 299, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 40, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnCloseDeleteStudents, javax.swing.GroupLayout.PREFERRED\_SIZE, 42, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(39, 39, 39))

);

pack();

}// </editor-fold>

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Students");

DefaultTableModel tblModel = (DefaultTableModel)StudentTable.getModel();

//JTableHeader th = StudentTable.getTableHeader();

//th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String sti = rs.getString("StudentID");

String stn = rs.getString("StudentName");

String cd = rs.getString("ClassDiv");

String fn = rs.getString("FatherName");

String mn = rs.getString("MotherName");

String fm = rs.getString("FatherMobile");

String mm = rs.getString("MotherMobile");

System.out.println(sti+ stn+ cd+ fn+ mn+ fm+ mm);

String tbData[] = {sti, stn, cd, fn, mn, fm, mm};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {

int number = StudentTable.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from Students WHERE StudentID = '" + StudentTable.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Students");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StudentTable.getModel();

tblModel.removeRow(number);

revalidate();

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseDeleteStudentsActionPerformed(java.awt.event.ActionEvent evt) {

DeleteHome ob1 = new DeleteHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(DeleteRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new DeleteRecordStudents().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable StudentTable;

private javax.swing.JButton btnCloseDeleteStudents;

private javax.swing.JButton btnDelete;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

4. **Delete Record Suppliers.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.JScrollPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class DeleteRecordSuppliers extends javax.swing.JFrame {

/\*\*

\* Creates new form DeleteRecordSuppliers

\*/

public DeleteRecordSuppliers() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

SuppliersTable = new javax.swing.JTable();

btnDelete = new javax.swing.JButton();

btnCloseDeleteSuppliers = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 28)); // NOI18N

jLabel1.setText("Delete Suppliers");

SuppliersTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"SupplierID", "SupplierName", "Address", "City", "Pincode", "ContactPerson", "MobileNumber", "AlternateMobile"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(SuppliersTable);

btnDelete.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnDelete.setText("Delete");

btnDelete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteActionPerformed(evt);

}

});

btnCloseDeleteSuppliers.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseDeleteSuppliers.setText("Close");

btnCloseDeleteSuppliers.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseDeleteSuppliersActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 329, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(312, 312, 312))))

.addGroup(layout.createSequentialGroup()

.addGap(251, 251, 251)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(147, 147, 147)

.addComponent(btnCloseDeleteSuppliers, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 295, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 40, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnCloseDeleteSuppliers, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(37, 37, 37))

);

pack();

}// </editor-fold>

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Suppliers");

DefaultTableModel tblModel = (DefaultTableModel)SuppliersTable.getModel();

JTableHeader th = SuppliersTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String si = rs.getString("SupplierID");

String sn = rs.getString("SupplierName");

String ad = rs.getString("Address");

String ci = rs.getString("City");

String pi = String.valueOf(rs.getLong("Pincode"));

String co = rs.getString("ContactPerson");

String mo = rs.getString("MobileNumber");

String al = rs.getString("AlternateMobile");

String tbData[] = {si, sn, ad, ci, pi, co, mo, al};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {

int number = SuppliersTable.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from Suppliers WHERE SupplierID = '" + SuppliersTable.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Suppliers");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

DefaultTableModel tblModel = (DefaultTableModel)SuppliersTable.getModel();

tblModel.removeRow(number);

revalidate();

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseDeleteSuppliersActionPerformed(java.awt.event.ActionEvent evt) {

DeleteHome ob1 = new DeleteHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(DeleteRecordSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(DeleteRecordSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(DeleteRecordSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(DeleteRecordSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new DeleteRecordSuppliers().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable SuppliersTable;

private javax.swing.JButton btnCloseDeleteSuppliers;

private javax.swing.JButton btnDelete;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

5. **Delete Record Textbooks.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.JScrollPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class DeleteRecordTextbooks extends javax.swing.JFrame {

/\*\*

\* Creates new form DeleteRecordTextbooks

\*/

public DeleteRecordTextbooks() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

TextbooksTable = new javax.swing.JTable();

btnDelete = new javax.swing.JButton();

btnCloseDeleteTextbook = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 28)); // NOI18N

jLabel1.setText("Delete Students");

TextbooksTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"TextbookID", "TextbookName", "Grade", "Publisher", "StockInHand", "ReorderLevel", "UnitPrice", "SupplierID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(TextbooksTable);

btnDelete.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnDelete.setText("Delete");

btnDelete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteActionPerformed(evt);

}

});

btnCloseDeleteTextbook.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseDeleteTextbook.setText("Close");

btnCloseDeleteTextbook.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseDeleteTextbookActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(335, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(326, 326, 326))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addGap(272, 272, 272)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(106, 106, 106)

.addComponent(btnCloseDeleteTextbook, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 327, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(32, 32, 32)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnCloseDeleteTextbook, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(26, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Textbooks");

DefaultTableModel tblModel = (DefaultTableModel)TextbooksTable.getModel();

JTableHeader th = TextbooksTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String tid = rs.getString("TextbookID");

String tn = rs.getString("TextbookName");

String g = String.valueOf(rs.getInt("Grade"));

String pbl = rs.getString("Publisher");

String siht = String.valueOf(rs.getInt("StockInHand"));

String rlt = String.valueOf(rs.getInt("ReorderLevel"));

String upt = rs.getString("UnitPrice");

String sid = rs.getString("SupplierID");

String tbData[] = {tid, tn, g, pbl, siht, rlt, upt, sid};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {

int number = TextbooksTable.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from Textbooks WHERE TextbookID = '" + TextbooksTable.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Textbooks");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

DefaultTableModel tblModel = (DefaultTableModel)TextbooksTable.getModel();

tblModel.removeRow(number);

revalidate();

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseDeleteTextbookActionPerformed(java.awt.event.ActionEvent evt) {

DeleteHome ob1 = new DeleteHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(DeleteRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(DeleteRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(DeleteRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(DeleteRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new DeleteRecordTextbooks().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable TextbooksTable;

private javax.swing.JButton btnCloseDeleteTextbook;

private javax.swing.JButton btnDelete;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

**6. Delete Record Uniform.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class DeleteRecordUniform extends javax.swing.JFrame {

/\*\*

\* Creates new form DeleteRecordUniform

\*/

public DeleteRecordUniform() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

UniformTable = new javax.swing.JTable();

btnDelete = new javax.swing.JButton();

btnCloseDeleteUniform = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 28)); // NOI18N

jLabel1.setText("Delete Uniform");

UniformTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"UniformID", "UniformName", "UniformTye", "StockInHand", "ReorderLevel", "UnitPrice", "SupplierID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(UniformTable);

btnDelete.setFont(new java.awt.Font("Verdana", 2, 18)); // NOI18N

btnDelete.setText("Delete");

btnDelete.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteActionPerformed(evt);

}

});

btnCloseDeleteUniform.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseDeleteUniform.setText("Close");

btnCloseDeleteUniform.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseDeleteUniformActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 341, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(319, 319, 319))))

.addGroup(layout.createSequentialGroup()

.addGap(262, 262, 262)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(122, 122, 122)

.addComponent(btnCloseDeleteUniform, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 317, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(42, 42, 42)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnDelete, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnCloseDeleteUniform, javax.swing.GroupLayout.PREFERRED\_SIZE, 39, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(45, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Uniform");

DefaultTableModel tblModel = (DefaultTableModel)UniformTable.getModel();

JTableHeader th = UniformTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String uifd = rs.getString("UniformID");

String uifn = rs.getString("UniformName");

String uift = rs.getString("UniformType");

String sihu = String.valueOf(rs.getInt("StockInHand"));

String rlu = String.valueOf(rs.getInt("ReorderLevel"));

String upu = rs.getString("UnitPrice");

String siu = rs.getString("SupplierID");

String tbData[] = {uifd, uifn, uift, sihu, rlu, upu, siu};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {

int number = UniformTable.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from Uniform WHERE UniformID = '" + UniformTable.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Uniform");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

DefaultTableModel tblModel = (DefaultTableModel)UniformTable.getModel();

tblModel.removeRow(number);

revalidate();

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseDeleteUniformActionPerformed(java.awt.event.ActionEvent evt) {

DeleteHome ob1 = new DeleteHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(DeleteRecordUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(DeleteRecordUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(DeleteRecordUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(DeleteRecordUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new DeleteRecordUniform().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable UniformTable;

private javax.swing.JButton btnCloseDeleteUniform;

private javax.swing.JButton btnDelete;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

**7. Home.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

/\*\*

\*

\* @author rishi

\*/

public class Home extends javax.swing.JFrame {

/\*\*

\* Creates new form Home

\*/

public Home() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

btnViewOpen = new javax.swing.JButton();

btnInsertOpen = new javax.swing.JButton();

btnBillOpen = new javax.swing.JButton();

btnDeleteOpen = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

btnLogout = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

btnViewOpen.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N

btnViewOpen.setText("VIEW");

btnViewOpen.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnViewOpenActionPerformed(evt);

}

});

btnInsertOpen.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N

btnInsertOpen.setText("INSERT");

btnInsertOpen.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnInsertOpenActionPerformed(evt);

}

});

btnBillOpen.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N

btnBillOpen.setText("BILL");

btnBillOpen.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnBillOpenActionPerformed(evt);

}

});

btnDeleteOpen.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N

btnDeleteOpen.setText("DELETE");

btnDeleteOpen.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnDeleteOpenActionPerformed(evt);

}

});

jLabel1.setFont(new java.awt.Font("Arial Black", 1, 14)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 0, 51));

jLabel1.setText("VIDHYAASHRAM INVENTORY MANAGEMENT SYSTEM");

jLabel2.setIcon(new javax.swing.ImageIcon("C:\\RISHI\_CS\_IA\\Vidhyaashram Logo sized 4.jpg")); // NOI18N

jLabel2.setText("jLabel2");

btnLogout.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N

btnLogout.setText("LOGOUT");

btnLogout.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnLogoutActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 87, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(btnViewOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addGap(35, 35, 35)

.addComponent(btnBillOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnInsertOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(99, 99, 99))

.addGroup(layout.createSequentialGroup()

.addGap(41, 41, 41)

.addComponent(btnDeleteOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel1)

.addGap(0, 50, Short.MAX\_VALUE))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnLogout, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(226, 226, 226))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 82, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnViewOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnInsertOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(27, 27, 27)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnBillOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnDeleteOpen, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(27, 27, 27)

.addComponent(btnLogout, javax.swing.GroupLayout.PREFERRED\_SIZE, 45, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(43, 43, 43))

);

pack();

}// </editor-fold>

private void btnViewOpenActionPerformed(java.awt.event.ActionEvent evt) {

ViewHome ob1 = new ViewHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnInsertOpenActionPerformed(java.awt.event.ActionEvent evt) {

InsertHome ob1 = new InsertHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnBillOpenActionPerformed(java.awt.event.ActionEvent evt) {

HomeBill ob1 = new HomeBill();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnDeleteOpenActionPerformed(java.awt.event.ActionEvent evt) {

DeleteHome ob1 = new DeleteHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnLogoutActionPerformed(java.awt.event.ActionEvent evt) {

Login ob1 = new Login();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Home().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnBillOpen;

private javax.swing.JButton btnDeleteOpen;

private javax.swing.JButton btnInsertOpen;

private javax.swing.JButton btnLogout;

private javax.swing.JButton btnViewOpen;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

// End of variables declaration

}

8. **Home bill.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

/\*\*

\*

\* @author rishi

\*/

public class HomeBill extends javax.swing.JFrame {

/\*\*

\* Creates new form HomeBill

\*/

public HomeBill() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

btnBillStationery = new javax.swing.JButton();

btnBillTextbooks = new javax.swing.JButton();

btnBillUniforms = new javax.swing.JButton();

btnClose = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Verdana", 1, 28)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 0, 51));

jLabel1.setText("Billing");

btnBillStationery.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

btnBillStationery.setText("Bill Stationery");

btnBillStationery.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnBillStationeryActionPerformed(evt);

}

});

btnBillTextbooks.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

btnBillTextbooks.setText("Bill Textbooks");

btnBillTextbooks.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnBillTextbooksActionPerformed(evt);

}

});

btnBillUniforms.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

btnBillUniforms.setText("Bill Uniforms");

btnBillUniforms.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnBillUniformsActionPerformed(evt);

}

});

btnClose.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N

btnClose.setText("Close");

btnClose.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(84, 84, 84)

.addComponent(btnBillStationery)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 192, Short.MAX\_VALUE)

.addComponent(btnBillTextbooks)

.addGap(97, 97, 97))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(334, 334, 334)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addGap(294, 294, 294)

.addComponent(btnBillUniforms)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnClose)

.addGap(335, 335, 335))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(74, 74, 74)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnBillStationery)

.addComponent(btnBillTextbooks))

.addGap(81, 81, 81)

.addComponent(btnBillUniforms)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 108, Short.MAX\_VALUE)

.addComponent(btnClose)

.addGap(32, 32, 32))

);

pack();

}// </editor-fold>

private void btnBillStationeryActionPerformed(java.awt.event.ActionEvent evt) {

StationeryBill ob1 = new StationeryBill();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnBillTextbooksActionPerformed(java.awt.event.ActionEvent evt) {

TextbooksBill ob1 = new TextbooksBill();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnCloseActionPerformed(java.awt.event.ActionEvent evt) {

Home ob1 = new Home();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnBillUniformsActionPerformed(java.awt.event.ActionEvent evt) {

UniformBill ob1 = new UniformBill();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(HomeBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(HomeBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(HomeBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(HomeBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new HomeBill().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnBillStationery;

private javax.swing.JButton btnBillTextbooks;

private javax.swing.JButton btnBillUniforms;

private javax.swing.JButton btnClose;

private javax.swing.JLabel jLabel1;

// End of variables declaration

}

9. **Insert home.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

/\*\*

\*

\* @author rishi

\*/

public class InsertHome extends javax.swing.JFrame {

/\*\*

\* Creates new form InsertHome

\*/

public InsertHome() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

btnInsertStationery = new javax.swing.JButton();

btnInsertTextbooks = new javax.swing.JButton();

btnInsertClose = new javax.swing.JButton();

btnInsertStudents = new javax.swing.JButton();

btnInsertSuppliers = new javax.swing.JButton();

btnInsertUniforms = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 0, 51));

jLabel1.setText("Insert Records");

btnInsertStationery.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnInsertStationery.setText("Stationery");

btnInsertStationery.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnInsertStationeryActionPerformed(evt);

}

});

btnInsertTextbooks.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnInsertTextbooks.setText("Textbooks");

btnInsertTextbooks.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnInsertTextbooksActionPerformed(evt);

}

});

btnInsertClose.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnInsertClose.setText("Close");

btnInsertClose.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnInsertCloseActionPerformed(evt);

}

});

btnInsertStudents.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnInsertStudents.setText("Students");

btnInsertStudents.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnInsertStudentsActionPerformed(evt);

}

});

btnInsertSuppliers.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnInsertSuppliers.setText("Suppliers");

btnInsertSuppliers.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnInsertSuppliersActionPerformed(evt);

}

});

btnInsertUniforms.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnInsertUniforms.setText("Uniform");

btnInsertUniforms.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnInsertUniformsActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(184, 184, 184))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(45, 45, 45)

.addComponent(btnInsertStationery, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(54, 54, 54)

.addComponent(btnInsertStudents, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(54, 54, 54)

.addComponent(btnInsertSuppliers, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(138, 138, 138)

.addComponent(btnInsertTextbooks, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(64, 64, 64)

.addComponent(btnInsertUniforms, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(237, 237, 237)

.addComponent(btnInsertClose, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(46, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(40, 40, 40)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnInsertStationery)

.addComponent(btnInsertStudents)

.addComponent(btnInsertSuppliers))

.addGap(63, 63, 63)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnInsertTextbooks)

.addComponent(btnInsertUniforms))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 64, Short.MAX\_VALUE)

.addComponent(btnInsertClose)

.addGap(30, 30, 30))

);

pack();

}// </editor-fold>

private void btnInsertStudentsActionPerformed(java.awt.event.ActionEvent evt) {

InsertRecordStudents ob1 = new InsertRecordStudents();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnInsertSuppliersActionPerformed(java.awt.event.ActionEvent evt) {

InsertRecordSuppliers ob1 = new InsertRecordSuppliers();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnInsertCloseActionPerformed(java.awt.event.ActionEvent evt) {

Home ob1 = new Home();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnInsertStationeryActionPerformed(java.awt.event.ActionEvent evt) {

InsertRecordStationary ob1 = new InsertRecordStationary();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnInsertTextbooksActionPerformed(java.awt.event.ActionEvent evt) {

InsertRecordTextbooks ob1 = new InsertRecordTextbooks();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnInsertUniformsActionPerformed(java.awt.event.ActionEvent evt) {

InsertRecordUniforms ob1 = new InsertRecordUniforms();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(InsertHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(InsertHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(InsertHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(InsertHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new InsertHome().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnInsertClose;

private javax.swing.JButton btnInsertStationery;

private javax.swing.JButton btnInsertStudents;

private javax.swing.JButton btnInsertSuppliers;

private javax.swing.JButton btnInsertTextbooks;

private javax.swing.JButton btnInsertUniforms;

private javax.swing.JLabel jLabel1;

// End of variables declaration

}

10. **Insert Record Stationary.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class InsertRecordStationary extends javax.swing.JFrame {

/\*\*

\* Creates new form InsertRecordStationary

\*/

public InsertRecordStationary() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

txtStationeryID = new javax.swing.JTextField();

txtStationeryName = new javax.swing.JTextField();

txtStationeryType = new javax.swing.JTextField();

txtUnitPrice = new javax.swing.JTextField();

txtStockInHand = new javax.swing.JTextField();

txtReorderLevel = new javax.swing.JTextField();

btnAdd = new javax.swing.JButton();

btnSave = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

StationeryTable = new javax.swing.JTable();

btnCloseInsertStationery = new javax.swing.JButton();

cboSupplierID = new javax.swing.JComboBox<>();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setText("Inserting Stationery");

jLabel2.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel2.setText("StationeryID");

jLabel3.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel3.setText("StationeryName");

jLabel4.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel4.setText("StationeryType");

jLabel5.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel5.setText("UnitPrice ");

jLabel6.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel6.setText("ReorderLevel");

jLabel7.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel7.setText("StockInHand");

jLabel8.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel8.setText("SupplierID");

txtStationeryID.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtStationeryIDActionPerformed(evt);

}

});

txtStockInHand.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtStockInHandActionPerformed(evt);

}

});

btnAdd.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAdd.setText("Add");

btnAdd.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddActionPerformed(evt);

}

});

btnSave.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnSave.setText("Save");

btnSave.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnSaveActionPerformed(evt);

}

});

StationeryTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"StationaryID", "StationaryName", "StationaryType", "StockInHand", "ReorderLevel", "UnitPrice", "SupplierID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(StationeryTable);

btnCloseInsertStationery.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseInsertStationery.setText("Close");

btnCloseInsertStationery.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseInsertStationeryActionPerformed(evt);

}

});

cboSupplierID.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

cboSupplierID.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

cboSupplierIDMouseClicked(evt);

}

});

cboSupplierID.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

cboSupplierIDActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(jLabel4)

.addComponent(jLabel5))

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtStationeryID, javax.swing.GroupLayout.DEFAULT\_SIZE, 150, Short.MAX\_VALUE)

.addComponent(txtStationeryName)

.addComponent(txtStationeryType)

.addComponent(txtUnitPrice)))

.addComponent(btnAdd, javax.swing.GroupLayout.PREFERRED\_SIZE, 103, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel7)

.addGap(70, 70, 70)

.addComponent(txtStockInHand, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel8)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(cboSupplierID, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnSave, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(txtReorderLevel, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(71, 71, 71))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(324, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(283, 283, 283))

.addGroup(layout.createSequentialGroup()

.addGap(406, 406, 406)

.addComponent(btnCloseInsertStationery, javax.swing.GroupLayout.PREFERRED\_SIZE, 101, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(57, 57, 57)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7)

.addComponent(jLabel2)

.addComponent(txtStationeryID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtStockInHand, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(36, 36, 36)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel6)

.addComponent(txtStationeryName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtReorderLevel, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(36, 36, 36)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(jLabel8)

.addComponent(txtStationeryType, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(cboSupplierID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(36, 36, 36)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnAdd)

.addComponent(btnSave))

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 318, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 22, Short.MAX\_VALUE)

.addComponent(btnCloseInsertStationery)

.addContainerGap())

);

pack();

}// </editor-fold>

private void txtStationeryIDActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtStockInHandActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void btnAddActionPerformed(java.awt.event.ActionEvent evt) {

try

{

this.btnAdd.setEnabled(false);

this.btnSave.setEnabled(true);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Stationery");

String s1 = "";

while(rs.next())

{

s1 = rs.getString("StationeryID");

}

String s11 = s1.substring(2, 6);

int s2 = Integer.parseInt(s11) + 1;

String s12 = s1.substring(0,2) + String.valueOf(s2);

this.txtStationeryID.setText(s12);

this.txtStationeryName.requestFocus();

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void btnSaveActionPerformed(java.awt.event.ActionEvent evt) {

try

{

String a1 = this.txtStationeryID.getText();

String a2 = this.txtStationeryName.getText();

String a3 = this.txtStationeryType.getText();

int a4 = Integer.parseInt(this.txtStockInHand.getText());

int a5 = Integer.parseInt(this.txtReorderLevel.getText());

double a6 = Double.parseDouble(this.txtUnitPrice.getText());

String a7 = String.valueOf(cboSupplierID.getSelectedItem());

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Stationery (StationeryID,StationeryName,StationeryType,StockInHand,ReorderLevel,UnitPrice,SupplierID) VALUES ('" +a1 + "','" +a2 + "','" +a3 + "'," +a4 + "," +a5 + "," +a6 + ",'" +a7 + "')";

System.out.println(sql);

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Stationery");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}

}

catch(HeadlessException | NumberFormatException | SQLException E)

{

System.out.println(E);

} catch (ClassNotFoundException ex) {

Logger.getLogger(InsertRecordStationary.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

this.txtStationeryID.setEditable(false);

this.btnSave.setEnabled(false);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Stationery");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}

Statement s1=c.createStatement();

ResultSet rs1 = s1.executeQuery("select \* from Suppliers");

System.out.println("dfgdfgdfgdfgdf");

int itemCount = cboSupplierID.getItemCount();

for(int i = 0; i < itemCount; i++){

cboSupplierID.removeItemAt(0);

}

while (rs1.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboSupplierID.addItem(rs1.getString("SupplierID"));

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnCloseInsertStationeryActionPerformed(java.awt.event.ActionEvent evt) {

InsertHome ob1 = new InsertHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void cboSupplierIDMouseClicked(java.awt.event.MouseEvent evt) {

String S=String.valueOf(cboSupplierID.getSelectedItem());

JOptionPane.showMessageDialog(this,S);

}

private void cboSupplierIDActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(InsertRecordStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(InsertRecordStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(InsertRecordStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(InsertRecordStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new InsertRecordStationary().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable StationeryTable;

private javax.swing.JButton btnAdd;

private javax.swing.JButton btnCloseInsertStationery;

private javax.swing.JButton btnSave;

private javax.swing.JComboBox<String> cboSupplierID;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextField txtReorderLevel;

private javax.swing.JTextField txtStationeryID;

private javax.swing.JTextField txtStationeryName;

private javax.swing.JTextField txtStationeryType;

private javax.swing.JTextField txtStockInHand;

private javax.swing.JTextField txtUnitPrice;

// End of variables declaration

}

11. **Insert record Students.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class InsertRecordStudents extends javax.swing.JFrame {

/\*\*

\* Creates new form InsertRecordStudents

\*/

public InsertRecordStudents() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

txtStudentID = new javax.swing.JTextField();

txtStudentName = new javax.swing.JTextField();

txtClassDiv = new javax.swing.JTextField();

txtFatherName = new javax.swing.JTextField();

txtMotherName = new javax.swing.JTextField();

txtFatherMobile = new javax.swing.JTextField();

txtMotherMobile = new javax.swing.JTextField();

jScrollPane1 = new javax.swing.JScrollPane();

StudentTable = new javax.swing.JTable();

btnAdd = new javax.swing.JButton();

btnSave = new javax.swing.JButton();

btnCloseInsertStudents = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setText("Inserting Students");

jLabel2.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel2.setText("StudentID");

jLabel3.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel3.setText("StudentName");

jLabel4.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel4.setText("ClassDiv");

jLabel5.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel5.setText("FatherName");

jLabel6.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel6.setText("MotherName");

jLabel7.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel7.setText("FatherMobile");

jLabel8.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel8.setText("MotherMobile");

txtStudentName.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtStudentNameActionPerformed(evt);

}

});

txtClassDiv.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtClassDivActionPerformed(evt);

}

});

txtFatherName.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtFatherNameActionPerformed(evt);

}

});

txtMotherName.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtMotherNameActionPerformed(evt);

}

});

txtFatherMobile.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtFatherMobileActionPerformed(evt);

}

});

txtMotherMobile.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtMotherMobileActionPerformed(evt);

}

});

StudentTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"StudentID", "StudentName", "ClassDiv", "FatherName", "MotherName", "FatherMobile", "MotherMobile"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(StudentTable);

btnAdd.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAdd.setText("Add");

btnAdd.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddActionPerformed(evt);

}

});

btnSave.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnSave.setText("Save");

btnSave.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnSaveActionPerformed(evt);

}

});

btnCloseInsertStudents.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseInsertStudents.setText("Close");

btnCloseInsertStudents.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseInsertStudentsActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 319, Short.MAX\_VALUE)

.addComponent(jLabel1)

.addGap(309, 309, 309))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel3))

.addGap(66, 66, 66)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtStudentName, javax.swing.GroupLayout.DEFAULT\_SIZE, 137, Short.MAX\_VALUE)

.addComponent(txtStudentID)))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4)

.addComponent(jLabel5))

.addGap(77, 77, 77)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(txtFatherName)

.addComponent(txtClassDiv))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel8)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(txtMotherMobile, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jLabel7)

.addGap(96, 96, 96)

.addComponent(txtFatherMobile, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jLabel6)

.addGap(98, 98, 98)

.addComponent(txtMotherName, javax.swing.GroupLayout.PREFERRED\_SIZE, 137, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addContainerGap())))

.addGroup(layout.createSequentialGroup()

.addGap(290, 290, 290)

.addComponent(btnAdd, javax.swing.GroupLayout.PREFERRED\_SIZE, 120, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(92, 92, 92)

.addComponent(btnSave, javax.swing.GroupLayout.PREFERRED\_SIZE, 120, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnCloseInsertStudents, javax.swing.GroupLayout.PREFERRED\_SIZE, 105, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(409, 409, 409))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(27, 27, 27)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel6)

.addComponent(txtStudentID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtMotherName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(50, 50, 50)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel7)

.addComponent(txtStudentName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtFatherMobile, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(51, 51, 51)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(txtClassDiv, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel8)

.addComponent(txtMotherMobile, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(53, 53, 53)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(txtFatherName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(45, 45, 45)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnAdd)

.addComponent(btnSave))

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 283, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(btnCloseInsertStudents)

.addContainerGap(21, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void txtFatherMobileActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtClassDivActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtFatherNameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtMotherMobileActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtStudentNameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtMotherNameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

this.txtStudentID.setEditable(false);

this.btnSave.setEnabled(false);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Students");

DefaultTableModel tblModel = (DefaultTableModel)StudentTable.getModel();

JTableHeader th = StudentTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StudentID");

String s2 = rs.getString("StudentName");

String s3 = rs.getString("ClassDiv");

String s4 = rs.getString("FatherName");

String s5 = rs.getString("MotherName");

String s6 = rs.getString("FatherMobile");

String s7 = rs.getString("MotherMobile");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnAddActionPerformed(java.awt.event.ActionEvent evt) {

try

{

this.btnAdd.setEnabled(false);

this.btnSave.setEnabled(true);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Students");

String s1 = "";

while(rs.next())

{

s1 = rs.getString("StudentID");

}

String s11 = s1.substring(3, 8);

int s2 = Integer.parseInt(s11) + 1;

String s12 = s1.substring(0,3) + String.valueOf(s2);

this.txtStudentID.setText(s12);

this.txtStudentName.requestFocus();

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void btnSaveActionPerformed(java.awt.event.ActionEvent evt) {

try

{

String a1 = this.txtStudentID.getText();

String a2 = this.txtStudentName.getText();

String a3 = this.txtClassDiv.getText();

String a4 = this.txtFatherName.getText();

String a5 = this.txtMotherName.getText();

String a6 = this.txtFatherMobile.getText();

String a7 = this.txtMotherMobile.getText();

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Students (StudentID, StudentName, ClassDiv, FatherName, MotherName, FatherMobile, MotherMobile) VALUES ('" + a1 + "','" + a2 + "','" + a3 + "','" + a4 + "','" + a5 + "','" + a6 + "','" + a7 + "')";

System.out.println(sql);

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Students");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StudentTable.getModel();

JTableHeader th = StudentTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StudentID");

String s2 = rs.getString("StudentName");

String s3 = rs.getString("ClassDiv");

String s4 = rs.getString("FatherName");

String s5 = rs.getString("MotherName");

String s6 = rs.getString("FatherMobile");

String s7 = rs.getString("MotherMobile");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}

}

catch(HeadlessException | ClassNotFoundException | NumberFormatException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseInsertStudentsActionPerformed(java.awt.event.ActionEvent evt) {

InsertHome ob1 = new InsertHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(InsertRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(InsertRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(InsertRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(InsertRecordStudents.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new InsertRecordStudents().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable StudentTable;

private javax.swing.JButton btnAdd;

private javax.swing.JButton btnCloseInsertStudents;

private javax.swing.JButton btnSave;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextField txtClassDiv;

private javax.swing.JTextField txtFatherMobile;

private javax.swing.JTextField txtFatherName;

private javax.swing.JTextField txtMotherMobile;

private javax.swing.JTextField txtMotherName;

private javax.swing.JTextField txtStudentID;

private javax.swing.JTextField txtStudentName;

// End of variables declaration

}

12. **Insert Record Suppliers.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class InsertRecordSuppliers extends javax.swing.JFrame {

/\*\*

\* Creates new form DemoInsertRecord

\*/

public InsertRecordSuppliers() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jScrollPane1 = new javax.swing.JScrollPane();

table = new javax.swing.JTable();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

txtSupID = new javax.swing.JTextField();

jLabel3 = new javax.swing.JLabel();

txtPincode = new javax.swing.JTextField();

jLabel4 = new javax.swing.JLabel();

txtSupName = new javax.swing.JTextField();

jLabel5 = new javax.swing.JLabel();

txtAddress = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

txtCity = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

txtContact = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

txtMobile = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

txtAlternate = new javax.swing.JTextField();

btnSave = new javax.swing.JButton();

btnAdd = new javax.swing.JButton();

btnCloseInsertSuppliers = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

table.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Supplier ID", "Supplier Name", "Address", "City", "Pin Code", "Contact Person", "Mobile Number", "Alternate Mobile"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Long.class, java.lang.String.class, java.lang.String.class, java.lang.String.class

};

boolean[] canEdit = new boolean [] {

false, false, false, false, false, false, false, false

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

public boolean isCellEditable(int rowIndex, int columnIndex) {

return canEdit [columnIndex];

}

});

table.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

tableMouseClicked(evt);

}

});

jScrollPane1.setViewportView(table);

jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel1.setText("Inserting Supplier");

jLabel2.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel2.setText("Supplier ID");

txtSupID.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel3.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel3.setText("Pin Code");

txtPincode.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel4.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel4.setText("Supplier Name");

txtSupName.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel5.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel5.setText("Address");

txtAddress.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel6.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel6.setText("City");

txtCity.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel7.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel7.setText("Contact Person");

txtContact.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel8.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel8.setText("Mobile Number");

txtMobile.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel9.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel9.setText("Alternate Mobile");

txtAlternate.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

btnSave.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnSave.setText("Save");

btnSave.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnSaveActionPerformed(evt);

}

});

btnAdd.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAdd.setText("Add");

btnAdd.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddActionPerformed(evt);

}

});

btnCloseInsertSuppliers.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseInsertSuppliers.setText("Close");

btnCloseInsertSuppliers.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseInsertSuppliersActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(32, 32, 32)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(1, 1, 1)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 176, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(txtSupID, javax.swing.GroupLayout.PREFERRED\_SIZE, 167, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(113, 113, 113)

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGap(18, 18, 18)

.addComponent(txtPincode, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(29, 29, 29))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel1, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 176, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(txtSupName, javax.swing.GroupLayout.PREFERRED\_SIZE, 167, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 176, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(txtAddress, javax.swing.GroupLayout.PREFERRED\_SIZE, 167, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 111, Short.MAX\_VALUE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 176, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(txtContact, javax.swing.GroupLayout.PREFERRED\_SIZE, 165, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(111, 111, 111)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED\_SIZE, 176, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(txtMobile, javax.swing.GroupLayout.PREFERRED\_SIZE, 164, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 176, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(txtCity, javax.swing.GroupLayout.PREFERRED\_SIZE, 167, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(114, 114, 114)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED\_SIZE, 176, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(txtAlternate, javax.swing.GroupLayout.PREFERRED\_SIZE, 167, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addComponent(jScrollPane1)

.addGap(1, 1, 1)))

.addContainerGap(25, Short.MAX\_VALUE))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnSave, javax.swing.GroupLayout.PREFERRED\_SIZE, 161, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(247, 247, 247))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnCloseInsertSuppliers, javax.swing.GroupLayout.PREFERRED\_SIZE, 116, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(379, 379, 379))))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(244, 244, 244)

.addComponent(btnAdd, javax.swing.GroupLayout.PREFERRED\_SIZE, 161, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(470, Short.MAX\_VALUE)))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(22, 22, 22)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 46, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtSupID, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtPincode, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtContact, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtMobile, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtSupName, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtAddress, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtAlternate, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtCity, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(27, 27, 27)

.addComponent(btnSave)

.addGap(37, 37, 37)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 246, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 18, Short.MAX\_VALUE)

.addComponent(btnCloseInsertSuppliers)

.addContainerGap())

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(322, 322, 322)

.addComponent(btnAdd)

.addContainerGap(344, Short.MAX\_VALUE)))

);

pack();

}// </editor-fold>

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

this.txtSupID.setEditable(false);

this.btnSave.setEnabled(false);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Suppliers");

DefaultTableModel tblModel = (DefaultTableModel)table.getModel();

JTableHeader th = table.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("SupplierID");

String s2 = rs.getString("SupplierName");

String s3 = rs.getString("Address");

String s4 = rs.getString("City");

String s5 = String.valueOf(rs.getLong("Pincode"));

String s6 = rs.getString("ContactPerson");

String s7 = rs.getString("MobileNumber");

String s8 = rs.getString("AlternateMobile");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7, s8};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void tableMouseClicked(java.awt.event.MouseEvent evt) {

/\*int number = table.getSelectedRow();

txtSupID.setText(table.getValueAt(number,0).toString());

txtSupName.setText(table.getValueAt(number,1).toString());

txtAddress.setText(table.getValueAt(number,2).toString());

txtCity.setText(table.getValueAt(number,3).toString());

txtPincode.setText(table.getValueAt(number,4).toString());

txtContact.setText(table.getValueAt(number,5).toString());

txtMobile.setText(table.getValueAt(number,6).toString());

txtAlternate.setText(table.getValueAt(number,7).toString());\*/

}

private void btnAddActionPerformed(java.awt.event.ActionEvent evt) {

try

{

this.btnAdd.setEnabled(false);

this.btnSave.setEnabled(true);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Suppliers");

String s1 = "";

while(rs.next())

{

s1 = rs.getString("SupplierID");

}

String s11 = s1.substring(2, 6);

int s2 = Integer.parseInt(s11) + 1;

String s12 = s1.substring(0,2) + String.valueOf(s2);

this.txtSupID.setText(s12);

this.txtSupName.requestFocus();

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void btnSaveActionPerformed(java.awt.event.ActionEvent evt) {

try

{

String a1 = this.txtSupID.getText();

String a2 = this.txtSupName.getText();

String a3 = this.txtAddress.getText();

String a4 = this.txtCity.getText();

long a5 = Long.parseLong(this.txtPincode.getText());

String a6 = this.txtContact.getText();

String a7 = this.txtMobile.getText();

String a8 = this.txtAlternate.getText();

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Suppliers (SupplierID, SupplierName, Address, City, Pincode, ContactPerson, MobileNumber, AlternateMobile) VALUES ('" + a1 + "','" + a2 + "','" + a3 + "','" + a4 + "'," + a5 + ",'" + a6 + "','" + a7 + "','" + a8 + "')";

System.out.println(sql);

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Suppliers");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)table.getModel();

JTableHeader th = table.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("SupplierID");

String s2 = rs.getString("SupplierName");

String s3 = rs.getString("Address");

String s4 = rs.getString("City");

String s5 = String.valueOf(rs.getLong("Pincode"));

String s6 = rs.getString("ContactPerson");

String s7 = rs.getString("MobileNumber");

String s8 = rs.getString("AlternateMobile");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7, s8};

tblModel.addRow(tbData);

}

}

catch(HeadlessException | ClassNotFoundException | NumberFormatException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseInsertSuppliersActionPerformed(java.awt.event.ActionEvent evt) {

InsertHome ob1 = new InsertHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(DemoInsertRecord.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(DemoInsertRecord.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(DemoInsertRecord.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(DemoInsertRecord.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(() -> {

new InsertRecordSuppliers().setVisible(true);

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnAdd;

private javax.swing.JButton btnCloseInsertSuppliers;

private javax.swing.JButton btnSave;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable table;

private javax.swing.JTextField txtAddress;

private javax.swing.JTextField txtAlternate;

private javax.swing.JTextField txtCity;

private javax.swing.JTextField txtContact;

private javax.swing.JTextField txtMobile;

private javax.swing.JTextField txtPincode;

private javax.swing.JTextField txtSupID;

private javax.swing.JTextField txtSupName;

// End of variables declaration

}

13. **Insert Record Textbooks.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class InsertRecordTextbooks extends javax.swing.JFrame {

/\*\* Creates new form InsertRecordTextbooks \*/

public InsertRecordTextbooks() {

initComponents();

}

/\*\* This method is called from within the constructor to

\* initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is

\* always regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

txtTextbookID = new javax.swing.JTextField();

txtPublisher = new javax.swing.JTextField();

txtTextbookName = new javax.swing.JTextField();

txtGrade = new javax.swing.JTextField();

txtStockInHand = new javax.swing.JTextField();

txtUnitPrice = new javax.swing.JTextField();

txtReorderLevel = new javax.swing.JTextField();

btnAdd = new javax.swing.JButton();

btnSave = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

TextbookTable = new javax.swing.JTable();

btnCloseInsertTextbooks = new javax.swing.JButton();

cboSupplierID = new javax.swing.JComboBox<>();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setText("Inserting Textbooks");

jLabel2.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel2.setText("TextbookID");

jLabel3.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel3.setText("TextbookName");

jLabel4.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel4.setText("Grade");

jLabel5.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel5.setText("Publisher");

jLabel6.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel6.setText("StockInHand");

jLabel7.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel7.setText("ReorderLevel");

jLabel8.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel8.setText("UnitPrice");

jLabel9.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel9.setText("SupplierID");

txtTextbookName.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtTextbookNameActionPerformed(evt);

}

});

txtReorderLevel.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtReorderLevelActionPerformed(evt);

}

});

btnAdd.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAdd.setText("Add");

btnAdd.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddActionPerformed(evt);

}

});

btnSave.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnSave.setText("Save");

btnSave.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnSaveActionPerformed(evt);

}

});

TextbookTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"TextbookID", "TextbookName", "Grade", "Publisher", "StockInHand", "ReorderLevel", "UnitPrice", "SupplierID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(TextbookTable);

btnCloseInsertTextbooks.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseInsertTextbooks.setText("Close");

btnCloseInsertTextbooks.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseInsertTextbooksActionPerformed(evt);

}

});

cboSupplierID.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

cboSupplierID.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

cboSupplierIDActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(310, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jLabel1)

.addGap(297, 297, 297))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnAdd, javax.swing.GroupLayout.PREFERRED\_SIZE, 127, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(85, 85, 85)

.addComponent(btnSave, javax.swing.GroupLayout.PREFERRED\_SIZE, 127, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(252, 252, 252))))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel5)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(jLabel4))

.addGap(90, 90, 90)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtTextbookName, javax.swing.GroupLayout.DEFAULT\_SIZE, 167, Short.MAX\_VALUE)

.addComponent(txtGrade)

.addComponent(txtPublisher)

.addComponent(txtTextbookID))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel7)

.addComponent(jLabel8)

.addComponent(jLabel9))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtReorderLevel, javax.swing.GroupLayout.DEFAULT\_SIZE, 167, Short.MAX\_VALUE)

.addComponent(txtUnitPrice)

.addComponent(cboSupplierID, 0, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel6)

.addGap(63, 63, 63)

.addComponent(txtStockInHand, javax.swing.GroupLayout.PREFERRED\_SIZE, 167, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)))

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(btnCloseInsertTextbooks, javax.swing.GroupLayout.PREFERRED\_SIZE, 130, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(391, 391, 391))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jLabel1)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(txtTextbookID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel6)

.addComponent(txtStockInHand, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(20, 20, 20)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel7)

.addComponent(txtTextbookName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtReorderLevel, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(23, 23, 23)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel8))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtGrade, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4)))

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(jLabel9)

.addComponent(txtPublisher, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(cboSupplierID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnAdd)

.addComponent(btnSave))

.addGap(36, 36, 36)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 299, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(btnCloseInsertTextbooks)

.addContainerGap(19, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void txtTextbookNameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtReorderLevelActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void btnAddActionPerformed(java.awt.event.ActionEvent evt) {

try

{

this.btnAdd.setEnabled(false);

this.btnSave.setEnabled(true);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Textbooks");

String s1 = "";

while(rs.next())

{

s1 = rs.getString("TextbookID");

}

String s11 = s1.substring(3, 6);

int s2 = Integer.parseInt(s11) + 1;

String s12 = s1.substring(0,3) + String.valueOf(s2);

this.txtTextbookID.setText(s12);

this.txtTextbookName.requestFocus();

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void btnSaveActionPerformed(java.awt.event.ActionEvent evt) {

try

{

String a1 = this.txtTextbookID.getText();

String a2 = this.txtTextbookName.getText();

int a3 = Integer.parseInt(this.txtGrade.getText());

String a4 = this.txtPublisher.getText();

int a5 = Integer.parseInt(this.txtStockInHand.getText());

int a6 = Integer.parseInt(this.txtReorderLevel.getText());

double a7 = Double.parseDouble(this.txtUnitPrice.getText());

String a8 = String.valueOf(cboSupplierID.getSelectedItem());

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Textbooks (TextbookID, TextbookName, Grade, Publisher, StockInHand, ReorderLevel, UnitPrice, SupplierID) VALUES ('" + a1 + "','" + a2 + "'," + a3 + ",'" + a4 + "'," + a5 + "," + a6 + "," + a7 + ",'" + a8 + "')";

System.out.println(sql);

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Textbooks");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)TextbookTable.getModel();

JTableHeader th = TextbookTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("TextbookID");

String s2 = rs.getString("TextbookName");

String s3 = String.valueOf(rs.getInt("Grade"));

String s4 = rs.getString("Publisher");

String s5 = String.valueOf(rs.getInt("StockInHand"));

String s6 = String.valueOf(rs.getInt("ReorderLevel"));

String s7 = String.valueOf(rs.getDouble("UnitPrice"));

String s8 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7, s8};

tblModel.addRow(tbData);

}

}

catch(HeadlessException | ClassNotFoundException | NumberFormatException | SQLException E)

{

System.out.println(E);

}

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

this.txtTextbookID.setEditable(false);

this.btnSave.setEnabled(false);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Textbooks");

DefaultTableModel tblModel = (DefaultTableModel)TextbookTable.getModel();

JTableHeader th = TextbookTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("TextbookID");

String s2 = rs.getString("TextbookName");

String s3 = String.valueOf(rs.getInt("Grade"));

String s4 = rs.getString("Publisher");

String s5 = String.valueOf(rs.getInt("StockInHand"));

String s6 = String.valueOf(rs.getInt("ReorderLevel"));

String s7 = String.valueOf(rs.getDouble("UnitPrice"));

String s8 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7, s8};

tblModel.addRow(tbData);

}

Statement s1=c.createStatement();

ResultSet rs1 = s1.executeQuery("select \* from Suppliers");

System.out.println("dfgdfgdfgdfgdf");

int itemCount = cboSupplierID.getItemCount();

for(int i = 0; i < itemCount; i++){

cboSupplierID.removeItemAt(0);

}

while (rs1.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboSupplierID.addItem(rs1.getString("SupplierID"));

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnCloseInsertTextbooksActionPerformed(java.awt.event.ActionEvent evt) {

InsertHome ob1 = new InsertHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void cboSupplierIDActionPerformed(java.awt.event.ActionEvent evt) {

//String S=String.valueOf(cboSupplierID.getSelectedItem());

//JOptionPane.showMessageDialog(this,S);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(InsertRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(InsertRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(InsertRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(InsertRecordTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new InsertRecordTextbooks().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable TextbookTable;

private javax.swing.JButton btnAdd;

private javax.swing.JButton btnCloseInsertTextbooks;

private javax.swing.JButton btnSave;

private javax.swing.JComboBox<String> cboSupplierID;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextField txtGrade;

private javax.swing.JTextField txtPublisher;

private javax.swing.JTextField txtReorderLevel;

private javax.swing.JTextField txtStockInHand;

private javax.swing.JTextField txtTextbookID;

private javax.swing.JTextField txtTextbookName;

private javax.swing.JTextField txtUnitPrice;

// End of variables declaration

}

14. **Insert Record Uniforms.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class InsertRecordUniforms extends javax.swing.JFrame {

/\*\*

\* Creates new form InsertRecordUniforms

\*/

public InsertRecordUniforms() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

txtUniformID = new javax.swing.JTextField();

txtUniformName = new javax.swing.JTextField();

txtUniformType = new javax.swing.JTextField();

txtStockInHand = new javax.swing.JTextField();

txtReorderLevel = new javax.swing.JTextField();

txtUnitPrice = new javax.swing.JTextField();

btnAdd = new javax.swing.JButton();

btnSave = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

UniformTable = new javax.swing.JTable();

btnCloseInsertUniform = new javax.swing.JButton();

cboSupplierID = new javax.swing.JComboBox<>();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setText("Inserting Uniforms");

jLabel2.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel2.setText("UniformID");

jLabel3.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel3.setText("UniformName");

jLabel4.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel4.setText("UniformType");

jLabel5.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel5.setText("StockInHand");

jLabel6.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel6.setText("ReorderLevel");

jLabel7.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel7.setText("UnitPrice");

jLabel8.setFont(new java.awt.Font("Verdana", 1, 14)); // NOI18N

jLabel8.setText("SupplierID");

txtStockInHand.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtStockInHandActionPerformed(evt);

}

});

btnAdd.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAdd.setText("Add");

btnAdd.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddActionPerformed(evt);

}

});

btnSave.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnSave.setText("Save");

btnSave.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnSaveActionPerformed(evt);

}

});

UniformTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"UniformID", "UniformName", "UniformType", "StockInHand", "ReorderLevel", "UnitPrice", "SupplierID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(UniformTable);

btnCloseInsertUniform.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCloseInsertUniform.setText("Close");

btnCloseInsertUniform.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseInsertUniformActionPerformed(evt);

}

});

cboSupplierID.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

cboSupplierID.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

cboSupplierIDActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(jLabel4))

.addGap(63, 63, 63)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtUniformID)

.addComponent(txtUniformName, javax.swing.GroupLayout.DEFAULT\_SIZE, 180, Short.MAX\_VALUE)

.addComponent(txtUniformType)

.addComponent(txtStockInHand))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel6)

.addComponent(jLabel7)

.addComponent(jLabel8))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtReorderLevel, javax.swing.GroupLayout.DEFAULT\_SIZE, 180, Short.MAX\_VALUE)

.addComponent(txtUnitPrice)

.addComponent(cboSupplierID, 0, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(37, 37, 37))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGap(268, 268, 268)

.addComponent(btnAdd, javax.swing.GroupLayout.PREFERRED\_SIZE, 110, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 120, Short.MAX\_VALUE)

.addComponent(btnSave, javax.swing.GroupLayout.PREFERRED\_SIZE, 110, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jLabel1)))

.addGap(310, 310, 310))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(btnCloseInsertUniform, javax.swing.GroupLayout.PREFERRED\_SIZE, 109, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(404, 404, 404))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel6)

.addComponent(txtUniformID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtReorderLevel, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel7)

.addComponent(txtUniformName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(jLabel8)

.addComponent(txtUniformType, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(cboSupplierID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel5)

.addComponent(txtStockInHand, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnAdd)

.addComponent(btnSave))

.addGap(33, 33, 33)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 348, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(btnCloseInsertUniform)

.addContainerGap(24, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void txtStockInHandActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void btnAddActionPerformed(java.awt.event.ActionEvent evt) {

try

{

this.btnAdd.setEnabled(false);

this.btnSave.setEnabled(true);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Uniform");

String s1 = "";

while(rs.next())

{

s1 = rs.getString("UniformID");

}

String s11 = s1.substring(3, 6);

int s2 = Integer.parseInt(s11) + 1;

String s12 = s1.substring(0,3) + String.valueOf(s2);

this.txtUniformID.setText(s12);

this.txtUniformName.requestFocus();

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

this.txtUniformID.setEditable(false);

this.btnSave.setEnabled(false);

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Uniform");

DefaultTableModel tblModel = (DefaultTableModel)UniformTable.getModel();

JTableHeader th = UniformTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("UniformID");

String s2 = rs.getString("UniformName");

String s3 = rs.getString("UniformType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}

Statement s1=c.createStatement();

ResultSet rs1 = s1.executeQuery("select \* from Suppliers");

System.out.println("dfgdfgdfgdfgdf");

int itemCount = cboSupplierID.getItemCount();

for(int i = 0; i < itemCount; i++){

cboSupplierID.removeItemAt(0);

}

while (rs1.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboSupplierID.addItem(rs1.getString("SupplierID"));

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnSaveActionPerformed(java.awt.event.ActionEvent evt) {

try

{

String a1 = this.txtUniformID.getText();

String a2 = this.txtUniformName.getText();

String a3 = this.txtUniformType.getText();

int a4 = Integer.parseInt(this.txtStockInHand.getText());

int a5 = Integer.parseInt(this.txtReorderLevel.getText());

double a6 = Double.parseDouble(this.txtUnitPrice.getText());

String a7 = String.valueOf(cboSupplierID.getSelectedItem());

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Uniform (UniformID, UniformName, UniformType, StockInHand, ReorderLevel, UnitPrice, SupplierID) VALUES ('" + a1 + "','" + a2 + "','" + a3 + "'," + a4 + "," + a5 + "," + a6 + ",'" + a7 + "')";

System.out.println(sql);

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from Uniform");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)UniformTable.getModel();

JTableHeader th = UniformTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("UniformID");

String s2 = rs.getString("UniformName");

String s3 = rs.getString("UniformType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}

}

catch(HeadlessException | ClassNotFoundException | NumberFormatException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseInsertUniformActionPerformed(java.awt.event.ActionEvent evt) {

InsertHome ob1 = new InsertHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void cboSupplierIDActionPerformed(java.awt.event.ActionEvent evt) {

//String S=String.valueOf(cboSupplierID.getSelectedItem());

//JOptionPane.showMessageDialog(this,S);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(InsertRecordUniforms.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(InsertRecordUniforms.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(InsertRecordUniforms.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(InsertRecordUniforms.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new InsertRecordUniforms().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable UniformTable;

private javax.swing.JButton btnAdd;

private javax.swing.JButton btnCloseInsertUniform;

private javax.swing.JButton btnSave;

private javax.swing.JComboBox<String> cboSupplierID;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextField txtReorderLevel;

private javax.swing.JTextField txtStockInHand;

private javax.swing.JTextField txtUniformID;

private javax.swing.JTextField txtUniformName;

private javax.swing.JTextField txtUniformType;

private javax.swing.JTextField txtUnitPrice;

// End of variables declaration

}

15. **Login.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author rishi

\*/

public class Login extends javax.swing.JFrame {

/\*\*

\* Creates new form Login

\*/

public Login() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

txtUsername = new javax.swing.JTextField();

btnLogin = new javax.swing.JButton();

btnReset = new javax.swing.JButton();

txtPassword = new javax.swing.JPasswordField();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel1.setText("Vidhyaashram Inventory Management System");

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Login Page");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("Username");

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel4.setText("Password");

txtUsername.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

txtUsername.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtUsernameActionPerformed(evt);

}

});

txtUsername.addPropertyChangeListener(new java.beans.PropertyChangeListener() {

public void propertyChange(java.beans.PropertyChangeEvent evt) {

txtUsernamePropertyChange(evt);

}

});

txtUsername.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

txtUsernameKeyTyped(evt);

}

});

btnLogin.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnLogin.setText("Login");

btnLogin.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnLoginActionPerformed(evt);

}

});

btnReset.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnReset.setText("Reset");

btnReset.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnResetActionPerformed(evt);

}

});

txtPassword.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

txtPassword.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtPasswordActionPerformed(evt);

}

});

txtPassword.addKeyListener(new java.awt.event.KeyAdapter() {

public void keyTyped(java.awt.event.KeyEvent evt) {

txtPasswordKeyTyped(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(211, 211, 211)

.addComponent(jLabel2))

.addGroup(layout.createSequentialGroup()

.addGap(58, 58, 58)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel3)

.addComponent(jLabel4))

.addGap(46, 46, 46)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(txtUsername)

.addGroup(layout.createSequentialGroup()

.addComponent(txtPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 291, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))))))

.addGroup(layout.createSequentialGroup()

.addGap(146, 146, 146)

.addComponent(btnLogin)

.addGap(68, 68, 68)

.addComponent(btnReset)))

.addGap(57, 57, 57))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(43, 43, 43)

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jLabel2)

.addGap(34, 34, 34)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(txtUsername, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(txtPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 38, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnLogin)

.addComponent(btnReset))

.addContainerGap(71, Short.MAX\_VALUE))

);

pack();

setLocationRelativeTo(null);

}// </editor-fold>

private void txtUsernameActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void btnResetActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

txtUsername.setText("");

txtPassword.setText("");

btnLogin.setEnabled(false);

txtUsername.requestFocus();

}

private void txtUsernamePropertyChange(java.beans.PropertyChangeEvent evt) {

// TODO add your handling code here:

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

// TODO add your handling code here:

btnLogin.setEnabled(false);

}

private void txtUsernameKeyTyped(java.awt.event.KeyEvent evt) {

// TODO add your handling code here:

if (txtUsername.getText().equals("") || txtPassword.getText().equals(""))

{

btnLogin.setEnabled(false);

}

else

{

btnLogin.setEnabled(true);

}

}

private void txtPasswordActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtPasswordKeyTyped(java.awt.event.KeyEvent evt) {

if (txtUsername.getText().equals("") || txtPassword.getText().equals(""))

{

btnLogin.setEnabled(false);

}

else

{

btnLogin.setEnabled(true);

}

}

private void btnLoginActionPerformed(java.awt.event.ActionEvent evt) {

Connection con =null;

PreparedStatement pst = null;

ResultSet rs = null;

try{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

con = DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

String sql = "select \* from Login where Username='"+txtUsername.getText() +"' and password='"+txtPassword.getText() +"' ";

pst = con.prepareStatement(sql);

rs=pst.executeQuery();

if(rs.next())

{

Home ob1 = new Home();

ob1.setVisible(true);

this.setVisible(false);

}

else

{

JOptionPane.showMessageDialog(null, "Login Failed");

}

}

catch(Exception e)

{

System.out.println(e);

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Login().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnLogin;

private javax.swing.JButton btnReset;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JPasswordField txtPassword;

private javax.swing.JTextField txtUsername;

// End of variables declaration

}

16. **Stationery Bill.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.PreparedStatement;

import java.sql.ResultSetMetaData;

import java.text.SimpleDateFormat;

import java.util.Calendar;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class StationeryBill extends javax.swing.JFrame {

double netTotal;

int s1 = 1001;

/\*\*

\* Creates new form StationeryBill

\*/

public StationeryBill() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

btnAddItem = new javax.swing.JButton();

btnRemoveItem = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

tblStationeryBill = new javax.swing.JTable();

btnStoreBill = new javax.swing.JButton();

btnClose = new javax.swing.JButton();

txtBillNumber = new javax.swing.JTextField();

txtUnitPrice = new javax.swing.JTextField();

txtQuantity = new javax.swing.JTextField();

txtBillDate = new javax.swing.JTextField();

txtNetAmount = new javax.swing.JTextField();

txtItemTotal = new javax.swing.JTextField();

cboItemName = new javax.swing.JComboBox<>();

jLabel9 = new javax.swing.JLabel();

cboStudentID = new javax.swing.JComboBox<>();

btnFetchPrice = new javax.swing.JButton();

btnCalculate = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

public void windowOpened(java.awt.event.WindowEvent evt) {

formWindowOpened(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel1.setText("Stationery Bill");

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Bill Number:");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("Bill Date:");

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel4.setText("Item Name:");

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel5.setText("Unit Price (INR):");

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel6.setText("Item Total (INR):");

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel7.setText("Quantity:");

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel8.setText("Net Amount (INR):");

btnAddItem.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAddItem.setText("Add Item");

btnAddItem.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddItemActionPerformed(evt);

}

});

btnRemoveItem.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnRemoveItem.setText("Remove Item");

btnRemoveItem.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnRemoveItemActionPerformed(evt);

}

});

tblStationeryBill.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"BillNumber", "ItemName", "Quantity", "Amount"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.Integer.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(tblStationeryBill);

btnStoreBill.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnStoreBill.setText("Store Bill");

btnStoreBill.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnStoreBillActionPerformed(evt);

}

});

btnClose.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnClose.setText("Close");

btnClose.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseActionPerformed(evt);

}

});

txtBillNumber.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtBillNumber.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtBillNumberActionPerformed(evt);

}

});

txtUnitPrice.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtUnitPrice.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtUnitPriceActionPerformed(evt);

}

});

txtQuantity.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtBillDate.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtBillDate.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtBillDateActionPerformed(evt);

}

});

txtNetAmount.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtNetAmount.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtNetAmountActionPerformed(evt);

}

});

txtItemTotal.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtItemTotal.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtItemTotalActionPerformed(evt);

}

});

cboItemName.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

cboItemName.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

cboItemName.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

cboItemNameMouseClicked(evt);

}

});

cboItemName.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

cboItemNameActionPerformed(evt);

}

});

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel9.setText("StudentID:");

cboStudentID.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

cboStudentID.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

cboStudentID.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

cboStudentIDMouseClicked(evt);

}

});

cboStudentID.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

cboStudentIDActionPerformed(evt);

}

});

btnFetchPrice.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnFetchPrice.setText("Fetch Price");

btnFetchPrice.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnFetchPriceActionPerformed(evt);

}

});

btnCalculate.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCalculate.setText("Calculate");

btnCalculate.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCalculateActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1))

.addGroup(layout.createSequentialGroup()

.addGap(56, 56, 56)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel9))

.addGap(30, 30, 30)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtBillNumber)

.addComponent(cboStudentID, 0, 147, Short.MAX\_VALUE))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(65, 65, 65)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel5)

.addComponent(jLabel4))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(cboItemName, javax.swing.GroupLayout.PREFERRED\_SIZE, 162, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(89, 89, 89)

.addComponent(btnFetchPrice)

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, 177, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 110, Short.MAX\_VALUE)

.addComponent(jLabel6)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(btnCalculate, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(txtItemTotal, javax.swing.GroupLayout.DEFAULT\_SIZE, 122, Short.MAX\_VALUE)))))

.addGroup(layout.createSequentialGroup()

.addGap(292, 292, 292)

.addComponent(jLabel3)

.addGap(18, 18, 18)

.addComponent(txtBillDate, javax.swing.GroupLayout.PREFERRED\_SIZE, 129, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(354, 354, 354)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addGap(324, 324, 324)

.addComponent(btnStoreBill)

.addGap(178, 178, 178)

.addComponent(btnClose, javax.swing.GroupLayout.PREFERRED\_SIZE, 96, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(246, 246, 246)

.addComponent(btnAddItem)

.addGap(222, 222, 222)

.addComponent(btnRemoveItem))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel8)

.addGap(18, 18, 18)

.addComponent(txtNetAmount, javax.swing.GroupLayout.DEFAULT\_SIZE, 99, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel7)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(txtQuantity, javax.swing.GroupLayout.PREFERRED\_SIZE, 186, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(0, 0, Short.MAX\_VALUE)))))

.addContainerGap())

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(txtBillNumber, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtBillDate, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 28, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel9)

.addComponent(cboStudentID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4)

.addComponent(cboItemName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnFetchPrice))

.addGap(32, 32, 32)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7)

.addComponent(txtQuantity, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtItemTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtNetAmount, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel8)))

.addGroup(layout.createSequentialGroup()

.addGap(27, 27, 27)

.addComponent(btnCalculate)))

.addGap(49, 49, 49)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnAddItem)

.addComponent(btnRemoveItem))

.addGap(33, 33, 33)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 324, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 44, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnStoreBill)

.addComponent(btnClose))

.addGap(28, 28, 28))

);

pack();

}// </editor-fold>

private void btnAddItemActionPerformed(java.awt.event.ActionEvent evt) {

try

{

int a1 = Integer.parseInt(this.txtBillNumber.getText());

String a2 = String.valueOf(cboItemName.getSelectedItem());

int a3 = Integer.parseInt(this.txtQuantity.getText());

String a4 = this.txtItemTotal.getText();

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Billdetails (BillNumber, ItemName, Quantity, Amount) VALUES (" + a1 + ",'" + a2 + "'," + a3 + ",'" + a4 + "')";

System.out.println(sql);

s.executeUpdate(sql);

/\*ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}\*/

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection v=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

System.out.println("Database Connected");

Statement k=v.createStatement();

int x = Integer.parseInt(txtBillNumber.getText());

String m = "Select \* from BillDetails where BillNumber = " + x + ";";

ResultSet rs = k.executeQuery(m);

DefaultTableModel tblModel = (DefaultTableModel)tblStationeryBill.getModel();

//JTableHeader th = StudentTable.getTableHeader();

//th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String b = String.valueOf(rs.getInt("BillNumber"));

String t = rs.getString("ItemName");

String r = String.valueOf(rs.getInt("Quantity"));

String p = rs.getString("Amount");

System.out.println(b+ t+ r+ p);

String tbData[] = {b, t, r, p};

tblModel.addRow(tbData);

}

txtNetAmount.setText(String.valueOf(netTotal));

Statement s1=c.createStatement();

String S = cboItemName.getSelectedItem().toString();

//System.out.println(S);

String sql111 = "Select \* from Stationery where StationeryName = '" + S + "';";

ResultSet rs111 = s1.executeQuery(sql111);

rs111.next();

int qty = rs111.getInt("StockInHand");

System.out.println(qty);

int qty1 = Integer.parseInt(txtQuantity.getText());

System.out.println(qty1);

int finalQty = qty - qty1;

rs111.close();

/\*String sql112 = "UPDATE Stationery SET StockInHand = " + finalQty + " where StationeryName = '" + S + "'";

s1.executeUpdate(sql112);

rs111 = s1.executeQuery(sql111);\*/

PreparedStatement pstmt = c.prepareStatement("UPDATE Stationery SET StockInHand = ? WHERE StationeryName = ?");

pstmt.setInt(1, finalQty);

pstmt.setString(2, S);

int numUpd = pstmt.executeUpdate();

pstmt.close();

}

catch(HeadlessException | NumberFormatException | SQLException E)

{

System.out.println(E);

} catch (ClassNotFoundException ex) {

Logger.getLogger(StationeryBill.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void txtNetAmountActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtBillDateActionPerformed(java.awt.event.ActionEvent evt) {

}

private void btnRemoveItemActionPerformed(java.awt.event.ActionEvent evt) {

int number = tblStationeryBill.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from BillDetails WHERE BillNumber = '" + tblStationeryBill.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

s1++;

DefaultTableModel tblModel = (DefaultTableModel)tblStationeryBill.getModel();

double amount = Double.parseDouble(tblStationeryBill.getModel().getValueAt(number,3).toString());

double deleteAmount = Double.parseDouble(txtNetAmount.getText());

double netAmount = deleteAmount - amount;

txtNetAmount.setText(String.valueOf(netAmount));

tblModel.removeRow(number);

revalidate();

/\*String val = txtBillNumber.getText();

//String val = String.valueOf(rs.getInt("BillNumber"));

System.out.println("Bill Number = " + val);

//ResultSet fk = s.executeQuery("select sum(Amount)from BillDetails");

String table = "BillDetails";

String column = "Amount";

String fk = "SELECT SUM(" + column + ") FROM " + table ;

Statement stmt = c.createStatement();

ResultSet mp = stmt.executeQuery(fk);

if (mp.next()) {

double sum = mp.getDouble(1);

System.out.println("Sum of " + column + " in " + table + ": " + sum);}\*/

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void btnCloseActionPerformed(java.awt.event.ActionEvent evt) {

HomeBill ob1 = new HomeBill();

ob1.setVisible(true);

this.setVisible(false);

}

private void cboItemNameActionPerformed(java.awt.event.ActionEvent evt) {

/\*try {

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

String S = cboItemName.getSelectedItem().toString();

System.out.println(S);

String sql = "Select \* from Stationery Where StationeryName = '" + S + "'";

System.out.println(sql);

ResultSet rs2 = s.executeQuery(sql);

String price = String.valueOf(rs2.getDouble("UnitPrice"));

System.out.println(price);

txtUnitPrice.setText(price);

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}\*/

}

private void txtBillNumberActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

Calendar now = Calendar.getInstance();

int month = now.get(Calendar.MONTH);

int day = now.get(Calendar.DAY\_OF\_MONTH);

int year = now.get(Calendar.YEAR);

txtBillDate.setText("" + day + "/" + (month + 1) + "/" + year);

netTotal = 0;

}

private void cboStudentIDActionPerformed(java.awt.event.ActionEvent evt) {

}

private void cboStudentIDMouseClicked(java.awt.event.MouseEvent evt) {

String S=String.valueOf(cboStudentID.getSelectedItem());

JOptionPane.showMessageDialog(this,S);

}

private void cboItemNameMouseClicked(java.awt.event.MouseEvent evt) {

//String S=String.valueOf(cboItemName.getSelectedItem());

//JOptionPane.showMessageDialog(this,S);

System.out.println("Rishi");

}

private void txtUnitPriceActionPerformed(java.awt.event.ActionEvent evt) {

}

private void formWindowOpened(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from BillDetails");

//int s1 = 1001;

while(rs.next())

{

s1 = rs.getInt("BillNumber");

}

s1++;

this.txtBillNumber.setText(String.valueOf(s1));

this.txtQuantity.requestFocus();

Statement s2=c.createStatement();

ResultSet rs1 = s2.executeQuery("select \* from Students");

//System.out.println("dfgdfgdfgdfgdf");

int itemCount = cboStudentID.getItemCount();

for(int i = 0; i < itemCount; i++){

cboStudentID.removeItemAt(0);

}

while (rs1.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboStudentID.addItem(rs1.getString("StudentID"));

}

Statement s3=c.createStatement();

ResultSet rs1s = s3.executeQuery("select \* from Stationery");

//System.out.println("dfgdfgdfgdfgdf");

int itemCountsi = cboItemName.getItemCount();

//System.out.println(itemCountsi);

for(int i = 0; i < itemCountsi; i++){

cboItemName.removeItemAt(0);

}

while (rs1s.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboItemName.addItem(rs1s.getString("StationeryName"));

//System.out.println(rs1s.getString("StationeryName"));

}

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void btnFetchPriceActionPerformed(java.awt.event.ActionEvent evt) {

try {

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

String S = cboItemName.getSelectedItem().toString();

System.out.println(S);

String sql = "Select \* from Stationery where StationeryName = '" + S + "';";

System.out.println(sql);

ResultSet rs2 = s.executeQuery(sql);

double price = 0.0;

while(rs2.next()){

price = rs2.getDouble("UnitPrice");

}

System.out.println(price);

// String price = rs2.getDouble("UnitPrice");

System.out.println(rs2.getRow());

System.out.println(price);

txtUnitPrice.setText(Double.toString(price));

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void txtItemTotalActionPerformed(java.awt.event.ActionEvent evt) {

}

private void btnCalculateActionPerformed(java.awt.event.ActionEvent evt) {

double Quantity = Double.parseDouble(txtQuantity.getText());

double untPrice = Double.parseDouble(txtUnitPrice.getText());

txtItemTotal.setText(String.valueOf(Quantity \* untPrice));

netTotal = netTotal + (double)(Quantity \* untPrice);

}

private void btnStoreBillActionPerformed(java.awt.event.ActionEvent evt) {

try {

int mgk1 = Integer.parseInt(this.txtBillNumber.getText());

/\*SimpleDateFormat sdf = new SimpleDateFormat("dd/mm/yyyy");

String dateString = sdf.format(txtBillDate);\*/

String mgk2 = this.txtBillDate.getText();

String mgk3 = String.valueOf(cboStudentID.getSelectedItem());

double mgk4 = Double.parseDouble(this.txtNetAmount.getText());

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection u=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=u.createStatement();

String sqlmp = "INSERT INTO BillMain (BillNumber, BillDate, StudentID, BillTotal) VALUES (" + mgk1 + ",'" + mgk2 + "','" + mgk3 + "'," + mgk4 + ")";

System.out.println(sqlmp);

s.executeUpdate(sqlmp);

DefaultTableModel model = (DefaultTableModel) tblStationeryBill.getModel();

int quantity;

/\*for (int i = 0; i < model.getRowCount(); i++) {

String stationeryName = (String) model.getValueAt(i, 1);

int removeQuantity = Integer.parseInt(model.getValueAt(i, 2).toString());

System.out.println(removeQuantity);

String sqlm = "SELECT StockInHand FROM Stationery";

quantity = s.executeUpdate(sqlm);

System.out.println("quantity is equal to" + quantity);

String sqlm2 = "UPDATE Stationery SET StockInHand = " + quantity + " WHERE StationeryName = " + stationeryName;

s.executeQuery(sqlm2);

}\*/

/\*ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}\*/

}

catch(HeadlessException | NumberFormatException | SQLException E)

{

System.out.println(E);

} catch (ClassNotFoundException ex) {

Logger.getLogger(StationeryBill.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(StationeryBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(StationeryBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(StationeryBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(StationeryBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new StationeryBill().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnAddItem;

private javax.swing.JButton btnCalculate;

private javax.swing.JButton btnClose;

private javax.swing.JButton btnFetchPrice;

private javax.swing.JButton btnRemoveItem;

private javax.swing.JButton btnStoreBill;

private javax.swing.JComboBox<String> cboItemName;

private javax.swing.JComboBox<String> cboStudentID;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable tblStationeryBill;

private javax.swing.JTextField txtBillDate;

private javax.swing.JTextField txtBillNumber;

private javax.swing.JTextField txtItemTotal;

private javax.swing.JTextField txtNetAmount;

private javax.swing.JTextField txtQuantity;

private javax.swing.JTextField txtUnitPrice;

// End of variables declaration

}

17. **Textbooks Bill.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.PreparedStatement;

import java.util.Calendar;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class TextbooksBill extends javax.swing.JFrame {

double netTotal;

/\*\*

\* Creates new form TextbooksBill

\*/

public TextbooksBill() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

txtBillNumber = new javax.swing.JTextField();

txtBillDate = new javax.swing.JTextField();

txtQuantity = new javax.swing.JTextField();

txtUnitPrice = new javax.swing.JTextField();

txtItemTotal = new javax.swing.JTextField();

txtNetAmount = new javax.swing.JTextField();

cboStudentID = new javax.swing.JComboBox<>();

cboItemName = new javax.swing.JComboBox<>();

btnFetchPrice = new javax.swing.JButton();

btnAddItem = new javax.swing.JButton();

btnRemoveItem = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

tblStationeryBill = new javax.swing.JTable();

btnStoreBill = new javax.swing.JButton();

btnClose = new javax.swing.JButton();

btnCalculate = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

public void windowOpened(java.awt.event.WindowEvent evt) {

formWindowOpened(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel1.setText("Textbooks Bill");

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Bill Number:");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("StudentID:");

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel4.setText("Net Amount:");

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel6.setText("Bill Date:");

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel7.setText("Quantity:");

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel8.setText("Unit Price:");

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel9.setText("Item Total:");

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel10.setText("Item Name:");

txtBillNumber.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtBillDate.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtBillDate.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtBillDateActionPerformed(evt);

}

});

txtQuantity.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtUnitPrice.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtItemTotal.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtItemTotal.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtItemTotalActionPerformed(evt);

}

});

txtNetAmount.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

cboStudentID.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

cboStudentID.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

cboStudentID.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

cboStudentIDMouseClicked(evt);

}

});

cboItemName.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

cboItemName.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

btnFetchPrice.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnFetchPrice.setText("Fetch Price");

btnFetchPrice.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnFetchPriceActionPerformed(evt);

}

});

btnAddItem.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAddItem.setText("Add Item");

btnAddItem.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddItemActionPerformed(evt);

}

});

btnRemoveItem.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnRemoveItem.setText("Remove Item");

btnRemoveItem.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnRemoveItemActionPerformed(evt);

}

});

tblStationeryBill.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"BillNumber", "ItemName", "Quantity", "Amount"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.Integer.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(tblStationeryBill);

btnStoreBill.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnStoreBill.setText("Store Bill");

btnStoreBill.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnStoreBillActionPerformed(evt);

}

});

btnClose.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnClose.setText("Close");

btnClose.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseActionPerformed(evt);

}

});

btnCalculate.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCalculate.setText("Calculate");

btnCalculate.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCalculateActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(64, 64, 64)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel7)

.addGap(18, 18, 18)

.addComponent(txtQuantity, javax.swing.GroupLayout.PREFERRED\_SIZE, 208, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(18, 18, 18)

.addComponent(txtBillNumber, javax.swing.GroupLayout.PREFERRED\_SIZE, 181, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(77, 77, 77)))

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jLabel6)

.addGap(18, 18, 18)

.addComponent(txtBillDate, javax.swing.GroupLayout.PREFERRED\_SIZE, 165, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel4)

.addGap(18, 18, 18)

.addComponent(txtNetAmount, javax.swing.GroupLayout.PREFERRED\_SIZE, 178, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel3)

.addGap(18, 18, 18)

.addComponent(cboStudentID, javax.swing.GroupLayout.PREFERRED\_SIZE, 192, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(116, 116, 116)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel8)

.addGap(18, 18, 18)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, 170, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel10)

.addGap(18, 18, 18)

.addComponent(cboItemName, javax.swing.GroupLayout.PREFERRED\_SIZE, 190, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(47, 47, 47)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(btnFetchPrice)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel9)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(btnCalculate)

.addComponent(txtItemTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, 150, javax.swing.GroupLayout.PREFERRED\_SIZE))))))

.addGap(0, 58, Short.MAX\_VALUE))))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(452, 452, 452)

.addComponent(jLabel1))

.addGroup(layout.createSequentialGroup()

.addGap(365, 365, 365)

.addComponent(btnAddItem)

.addGap(119, 119, 119)

.addComponent(btnRemoveItem)))

.addGap(0, 0, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1)))

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addGap(375, 375, 375)

.addComponent(btnStoreBill)

.addGap(136, 136, 136)

.addComponent(btnClose, javax.swing.GroupLayout.PREFERRED\_SIZE, 110, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(35, 35, 35)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel6)

.addComponent(txtBillNumber, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtBillDate, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(63, 63, 63)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel10)

.addComponent(cboStudentID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(cboItemName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(btnFetchPrice))

.addGap(62, 62, 62)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel7)

.addComponent(jLabel8)

.addComponent(jLabel9)

.addComponent(txtQuantity, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtItemTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(29, 29, 29)

.addComponent(btnCalculate)

.addGap(13, 13, 13)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(txtNetAmount, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(47, 47, 47)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnAddItem)

.addComponent(btnRemoveItem))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 357, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnStoreBill)

.addComponent(btnClose))

.addGap(25, 25, 25))

);

pack();

}// </editor-fold>

private void txtBillDateActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtItemTotalActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void formWindowOpened(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from BillDetails");

int s1 = 1001;

while(rs.next())

{

s1 = rs.getInt("BillNumber");

}

s1++;

this.txtBillNumber.setText(String.valueOf(s1));

this.txtQuantity.requestFocus();

Statement s2=c.createStatement();

ResultSet rs1 = s2.executeQuery("select \* from Students");

//System.out.println("dfgdfgdfgdfgdf");

int itemCount = cboStudentID.getItemCount();

for(int i = 0; i < itemCount; i++){

cboStudentID.removeItemAt(0);

}

while (rs1.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboStudentID.addItem(rs1.getString("StudentID"));

}

Statement s3=c.createStatement();

ResultSet rs1s = s3.executeQuery("select \* from Textbooks");

//System.out.println("dfgdfgdfgdfgdf");

int itemCountsi = cboItemName.getItemCount();

//System.out.println(itemCountsi);

for(int i = 0; i < itemCountsi; i++){

cboItemName.removeItemAt(0);

}

while (rs1s.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboItemName.addItem(rs1s.getString("TextbookName"));

//System.out.println(rs1s.getString("StationeryName"));

}

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void cboStudentIDMouseClicked(java.awt.event.MouseEvent evt) {

String S=String.valueOf(cboStudentID.getSelectedItem());

JOptionPane.showMessageDialog(this,S);

}

private void btnFetchPriceActionPerformed(java.awt.event.ActionEvent evt) {

try {

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

String S = cboItemName.getSelectedItem().toString();

System.out.println(S);

String sql = "Select \* from Textbooks where TextbookName = '" + S + "';";

System.out.println(sql);

ResultSet rs2 = s.executeQuery(sql);

double price = 0.0;

while(rs2.next()){

price = rs2.getDouble("UnitPrice");

}

System.out.println(price);

// String price = rs2.getDouble("UnitPrice");

System.out.println(rs2.getRow());

System.out.println(price);

txtUnitPrice.setText(Double.toString(price));

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void btnCloseActionPerformed(java.awt.event.ActionEvent evt) {

HomeBill ob1 = new HomeBill();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnCalculateActionPerformed(java.awt.event.ActionEvent evt) {

double Quantity = Double.parseDouble(txtQuantity.getText());

double untPrice = Double.parseDouble(txtUnitPrice.getText());

txtItemTotal.setText(String.valueOf(Quantity \* untPrice));

netTotal = netTotal + (double)(Quantity \* untPrice);

}

private void btnAddItemActionPerformed(java.awt.event.ActionEvent evt) {

try

{

int a1 = Integer.parseInt(this.txtBillNumber.getText());

String a2 = String.valueOf(cboItemName.getSelectedItem());

int a3 = Integer.parseInt(this.txtQuantity.getText());

String a4 = this.txtItemTotal.getText();

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Billdetails (BillNumber, ItemName, Quantity, Amount) VALUES (" + a1 + ",'" + a2 + "'," + a3 + ",'" + a4 + "')";

System.out.println(sql);

s.executeUpdate(sql);

/\*ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}\*/

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection v=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

System.out.println("Database Connected");

Statement k=v.createStatement();

int x = Integer.parseInt(txtBillNumber.getText());

String m = "Select \* from BillDetails where BillNumber = " + x + ";";

ResultSet rs = k.executeQuery(m);

DefaultTableModel tblModel = (DefaultTableModel)tblStationeryBill.getModel();

//JTableHeader th = StudentTable.getTableHeader();

//th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String b = String.valueOf(rs.getInt("BillNumber"));

String t = rs.getString("ItemName");

String r = String.valueOf(rs.getInt("Quantity"));;

String p = rs.getString("Amount");

System.out.println(b+ t+ r+ p);

String tbData[] = {b, t, r, p};

tblModel.addRow(tbData);

}

txtNetAmount.setText(String.valueOf(netTotal));

Statement s1=c.createStatement();

String S = cboItemName.getSelectedItem().toString();

//System.out.println(S);

String sql111 = "Select \* from Textbooks where TextbookName = '" + S + "';";

ResultSet rs111 = s1.executeQuery(sql111);

rs111.next();

int qty = rs111.getInt("StockInHand");

System.out.println(qty);

int qty1 = Integer.parseInt(txtQuantity.getText());

System.out.println(qty1);

int finalQty = qty - qty1;

rs111.close();

/\*String sql112 = "UPDATE Stationery SET StockInHand = " + finalQty + " where StationeryName = '" + S + "'";

s1.executeUpdate(sql112);

rs111 = s1.executeQuery(sql111);\*/

PreparedStatement pstmt = c.prepareStatement("UPDATE Textbooks SET StockInHand = ? WHERE TextbookName = ?");

pstmt.setInt(1, finalQty);

pstmt.setString(2, S);

int numUpd = pstmt.executeUpdate();

pstmt.close();

}

catch(HeadlessException | NumberFormatException | SQLException E)

{

System.out.println(E);

} catch (ClassNotFoundException ex) {

Logger.getLogger(StationeryBill.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

Calendar now = Calendar.getInstance();

int month = now.get(Calendar.MONTH);

int day = now.get(Calendar.DAY\_OF\_MONTH);

int year = now.get(Calendar.YEAR);

txtBillDate.setText("" + day + "/" + (month + 1) + "/" + year);

netTotal = 0;

}

private void btnRemoveItemActionPerformed(java.awt.event.ActionEvent evt) {

int number = tblStationeryBill.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from BillDetails WHERE BillNumber = '" + tblStationeryBill.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

DefaultTableModel tblModel = (DefaultTableModel)tblStationeryBill.getModel();

double amount = Double.parseDouble(tblStationeryBill.getModel().getValueAt(number,3).toString());

double deleteAmount = Double.parseDouble(txtNetAmount.getText());

double netAmount = deleteAmount - amount;

txtNetAmount.setText(String.valueOf(netAmount));

tblModel.removeRow(number);

revalidate();

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void btnStoreBillActionPerformed(java.awt.event.ActionEvent evt) {

try {

int mgk1 = Integer.parseInt(this.txtBillNumber.getText());

/\*SimpleDateFormat sdf = new SimpleDateFormat("dd/mm/yyyy");

String dateString = sdf.format(txtBillDate);\*/

String mgk2 = this.txtBillDate.getText();

String mgk3 = String.valueOf(cboStudentID.getSelectedItem());

double mgk4 = Double.parseDouble(this.txtNetAmount.getText());

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection u=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=u.createStatement();

String sqlmp = "INSERT INTO BillMain (BillNumber, BillDate, StudentID, BillTotal) VALUES (" + mgk1 + ",'" + mgk2 + "','" + mgk3 + "'," + mgk4 + ")";

System.out.println(sqlmp);

s.executeUpdate(sqlmp);

/\*ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}\*/

}

catch(HeadlessException | NumberFormatException | SQLException E)

{

System.out.println(E);

} catch (ClassNotFoundException ex) {

Logger.getLogger(StationeryBill.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(TextbooksBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(TextbooksBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(TextbooksBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(TextbooksBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new TextbooksBill().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnAddItem;

private javax.swing.JButton btnCalculate;

private javax.swing.JButton btnClose;

private javax.swing.JButton btnFetchPrice;

private javax.swing.JButton btnRemoveItem;

private javax.swing.JButton btnStoreBill;

private javax.swing.JComboBox<String> cboItemName;

private javax.swing.JComboBox<String> cboStudentID;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable tblStationeryBill;

private javax.swing.JTextField txtBillDate;

private javax.swing.JTextField txtBillNumber;

private javax.swing.JTextField txtItemTotal;

private javax.swing.JTextField txtNetAmount;

private javax.swing.JTextField txtQuantity;

private javax.swing.JTextField txtUnitPrice;

// End of variables declaration

}

18. **Uniform Bill.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Calendar;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

/\*\*

\*

\* @author rishi

\*/

public class UniformBill extends javax.swing.JFrame {

double netTotal;

/\*\*

\* Creates new form UniformBill

\*/

public UniformBill() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

txtBillNumber = new javax.swing.JTextField();

txtBillDate = new javax.swing.JTextField();

txtQuantity = new javax.swing.JTextField();

txtUnitPrice = new javax.swing.JTextField();

txtItemTotal = new javax.swing.JTextField();

txtNetAmount = new javax.swing.JTextField();

btnFetchPrice = new javax.swing.JButton();

btnAddItem = new javax.swing.JButton();

btnRemoveItem = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

tblUniformBill = new javax.swing.JTable();

btnStoreBill = new javax.swing.JButton();

btnClose = new javax.swing.JButton();

cboStudentID = new javax.swing.JComboBox<>();

cboItemName = new javax.swing.JComboBox<>();

btnCalculate = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

public void windowOpened(java.awt.event.WindowEvent evt) {

formWindowOpened(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel1.setText("Uniform Bill");

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel2.setText("Bill Number:");

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel3.setText("StudentID:");

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel4.setText("Quantity:");

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel5.setText("Net Amount:");

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel6.setText("Bill Date:");

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel7.setText("Item Name:");

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel8.setText("Unit Price:");

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

jLabel9.setText("Item Total:");

txtBillNumber.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtBillDate.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtQuantity.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtUnitPrice.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtUnitPrice.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtUnitPriceActionPerformed(evt);

}

});

txtItemTotal.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

txtItemTotal.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

txtItemTotalActionPerformed(evt);

}

});

txtNetAmount.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

btnFetchPrice.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnFetchPrice.setText("Fetch Price ");

btnFetchPrice.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnFetchPriceActionPerformed(evt);

}

});

btnAddItem.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnAddItem.setText("Add Item");

btnAddItem.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnAddItemActionPerformed(evt);

}

});

btnRemoveItem.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnRemoveItem.setText("Remove Item");

btnRemoveItem.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnRemoveItemActionPerformed(evt);

}

});

tblUniformBill.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"BillNumber", "ItemName", "Quantity", "Amount"

}

) {

Class[] types = new Class [] {

java.lang.Integer.class, java.lang.String.class, java.lang.Integer.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(tblUniformBill);

btnStoreBill.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnStoreBill.setText("Store Bill");

btnStoreBill.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnStoreBillActionPerformed(evt);

}

});

btnClose.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnClose.setText("Close");

btnClose.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseActionPerformed(evt);

}

});

cboStudentID.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

cboStudentID.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

cboStudentID.addMouseListener(new java.awt.event.MouseAdapter() {

public void mouseClicked(java.awt.event.MouseEvent evt) {

cboStudentIDMouseClicked(evt);

}

});

cboItemName.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

cboItemName.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1", "Item 2", "Item 3", "Item 4" }));

btnCalculate.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N

btnCalculate.setText("Calculate");

btnCalculate.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCalculateActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 1396, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(435, 435, 435)

.addComponent(btnAddItem, javax.swing.GroupLayout.PREFERRED\_SIZE, 126, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(259, 259, 259)

.addComponent(btnRemoveItem)

.addGap(0, 0, Short.MAX\_VALUE)))

.addContainerGap())

.addGroup(layout.createSequentialGroup()

.addGap(61, 61, 61)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(layout.createSequentialGroup()

.addComponent(jLabel5)

.addGap(18, 18, 18)

.addComponent(txtNetAmount))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel4)

.addGap(18, 18, 18)

.addComponent(txtQuantity, javax.swing.GroupLayout.PREFERRED\_SIZE, 189, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel3))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtBillNumber)

.addComponent(cboStudentID, 0, 216, Short.MAX\_VALUE))))

.addGap(114, 114, 114)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createSequentialGroup()

.addGap(48, 48, 48)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel1)

.addComponent(jLabel7))

.addGap(18, 18, 18)

.addComponent(cboItemName, 0, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jLabel6)))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(txtBillDate, javax.swing.GroupLayout.PREFERRED\_SIZE, 378, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

.addGap(67, 67, 67)

.addComponent(btnFetchPrice))))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, layout.createSequentialGroup()

.addComponent(jLabel8)

.addGap(18, 18, 18)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, 193, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(145, 145, 145)

.addComponent(jLabel9)

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(btnCalculate)

.addGap(0, 0, Short.MAX\_VALUE))

.addComponent(txtItemTotal))))

.addGap(65, 65, 65))

.addGroup(layout.createSequentialGroup()

.addGap(453, 453, 453)

.addComponent(btnStoreBill, javax.swing.GroupLayout.PREFERRED\_SIZE, 118, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(270, 270, 270)

.addComponent(btnClose, javax.swing.GroupLayout.PREFERRED\_SIZE, 119, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(0, 0, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(43, 43, 43)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtNetAmount, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel6)

.addComponent(txtBillNumber, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtBillDate, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(55, 55, 55)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

.addComponent(jLabel7)

.addComponent(btnFetchPrice)

.addComponent(cboStudentID, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(cboItemName, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(52, 52, 52)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(jLabel8)

.addComponent(jLabel9)

.addComponent(txtQuantity, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtUnitPrice, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(txtItemTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(btnCalculate)

.addGap(39, 39, 39)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 11, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnAddItem)

.addComponent(btnRemoveItem))

.addGap(31, 31, 31)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 352, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(33, 33, 33)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnStoreBill)

.addComponent(btnClose))

.addContainerGap())

);

pack();

}// </editor-fold>

private void txtUnitPriceActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void txtItemTotalActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void btnAddItemActionPerformed(java.awt.event.ActionEvent evt) {

try

{

int a1 = Integer.parseInt(this.txtBillNumber.getText());

String a2 = String.valueOf(cboItemName.getSelectedItem());

int a3 = Integer.parseInt(this.txtQuantity.getText());

String a4 = this.txtItemTotal.getText();

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "INSERT INTO Billdetails (BillNumber, ItemName, Quantity, Amount) VALUES (" + a1 + ",'" + a2 + "'," + a3 + ",'" + a4 + "')";

System.out.println(sql);

s.executeUpdate(sql);

/\*ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}\*/

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection v=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

System.out.println("Database Connected");

Statement k=v.createStatement();

int x = Integer.parseInt(txtBillNumber.getText());

String m = "Select \* from BillDetails where BillNumber = " + x + ";";

ResultSet rs = k.executeQuery(m);

DefaultTableModel tblModel = (DefaultTableModel)tblUniformBill.getModel();

//JTableHeader th = StudentTable.getTableHeader();

//th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String b = String.valueOf(rs.getInt("BillNumber"));

String t = rs.getString("ItemName");

String r = String.valueOf(rs.getInt("Quantity"));;

String p = rs.getString("Amount");

System.out.println(b+ t+ r+ p);

String tbData[] = {b, t, r, p};

tblModel.addRow(tbData);

}

txtNetAmount.setText(String.valueOf(netTotal));

Statement s1=c.createStatement();

String S = cboItemName.getSelectedItem().toString();

//System.out.println(S);

String sql111 = "Select \* from Uniform where UniformName = '" + S + "';";

ResultSet rs111 = s1.executeQuery(sql111);

rs111.next();

int qty = rs111.getInt("StockInHand");

System.out.println(qty);

int qty1 = Integer.parseInt(txtQuantity.getText());

System.out.println(qty1);

int finalQty = qty - qty1;

rs111.close();

/\*String sql112 = "UPDATE Stationery SET StockInHand = " + finalQty + " where StationeryName = '" + S + "'";

s1.executeUpdate(sql112);

rs111 = s1.executeQuery(sql111);\*/

PreparedStatement pstmt = c.prepareStatement("UPDATE Uniform SET StockInHand = ? WHERE UniformName = ?");

pstmt.setInt(1, finalQty);

pstmt.setString(2, S);

int numUpd = pstmt.executeUpdate();

pstmt.close();

}

catch(HeadlessException | NumberFormatException | SQLException E)

{

System.out.println(E);

} catch (ClassNotFoundException ex) {

Logger.getLogger(StationeryBill.class.getName()).log(Level.SEVERE, null, ex);

}

}

private void btnRemoveItemActionPerformed(java.awt.event.ActionEvent evt) {

int number = tblUniformBill.getSelectedRow();

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=c.createStatement();

String sql = "Delete from BillDetails WHERE BillNumber = '" + tblUniformBill.getValueAt(number,0).toString() + "'";

s.executeUpdate(sql);

ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Deleted Successfully");

DefaultTableModel tblModel = (DefaultTableModel)tblUniformBill.getModel();

double amount = Double.parseDouble(tblUniformBill.getModel().getValueAt(number,3).toString());

double deleteAmount = Double.parseDouble(txtNetAmount.getText());

double netAmount = deleteAmount - amount;

txtNetAmount.setText(String.valueOf(netAmount));

tblModel.removeRow(number);

revalidate();

}

catch(HeadlessException | ClassNotFoundException | SQLException E)

{

System.out.println(E);

}

}

private void formWindowOpened(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from BillDetails");

int s1 = 1001;

while(rs.next())

{

s1 = rs.getInt("BillNumber");

}

s1++;

this.txtBillNumber.setText(String.valueOf(s1));

this.txtQuantity.requestFocus();

Statement s2=c.createStatement();

ResultSet rs1 = s2.executeQuery("select \* from Students");

//System.out.println("dfgdfgdfgdfgdf");

int itemCount = cboStudentID.getItemCount();

for(int i = 0; i < itemCount; i++){

cboStudentID.removeItemAt(0);

}

while (rs1.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboStudentID.addItem(rs1.getString("StudentID"));

}

Statement s3=c.createStatement();

ResultSet rs1s = s3.executeQuery("select \* from Uniform");

//System.out.println("dfgdfgdfgdfgdf");

int itemCountsi = cboItemName.getItemCount();

//System.out.println(itemCountsi);

for(int i = 0; i < itemCountsi; i++){

cboItemName.removeItemAt(0);

}

while (rs1s.next()) {

//System.out.println(rs.getString(1)+"\t"+rs.getString(2));

cboItemName.addItem(rs1s.getString("UniformName"));

//System.out.println(rs1s.getString("StationeryName"));

}

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void btnFetchPriceActionPerformed(java.awt.event.ActionEvent evt) {

try {

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

String S = cboItemName.getSelectedItem().toString();

System.out.println(S);

String sql = "Select \* from Uniform where UniformName = '" + S + "';";

System.out.println(sql);

ResultSet rs2 = s.executeQuery(sql);

double price = 0.0;

while(rs2.next()){

price = rs2.getDouble("UnitPrice");

}

System.out.println(price);

// String price = rs2.getDouble("UnitPrice");

System.out.println(rs2.getRow());

System.out.println(price);

txtUnitPrice.setText(Double.toString(price));

}

catch (ClassNotFoundException | SQLException ex)

{

System.out.println(E);

}

}

private void cboStudentIDMouseClicked(java.awt.event.MouseEvent evt) {

String S=String.valueOf(cboStudentID.getSelectedItem());

JOptionPane.showMessageDialog(this,S);

}

private void btnCloseActionPerformed(java.awt.event.ActionEvent evt) {

HomeBill ob1 = new HomeBill();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnCalculateActionPerformed(java.awt.event.ActionEvent evt) {

double Quantity = Double.parseDouble(txtQuantity.getText());

double untPrice = Double.parseDouble(txtUnitPrice.getText());

txtItemTotal.setText(String.valueOf(Quantity \* untPrice));

netTotal = netTotal + (double)(Quantity \* untPrice);

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

Calendar now = Calendar.getInstance();

int month = now.get(Calendar.MONTH);

int day = now.get(Calendar.DAY\_OF\_MONTH);

int year = now.get(Calendar.YEAR);

txtBillDate.setText("" + day + "/" + (month + 1) + "/" + year);

netTotal = 0;

}

private void btnStoreBillActionPerformed(java.awt.event.ActionEvent evt) {

try {

int mgk1 = Integer.parseInt(this.txtBillNumber.getText());

/\*SimpleDateFormat sdf = new SimpleDateFormat("dd/mm/yyyy");

String dateString = sdf.format(txtBillDate);\*/

String mgk2 = this.txtBillDate.getText();

String mgk3 = String.valueOf(cboStudentID.getSelectedItem());

double mgk4 = Double.parseDouble(this.txtNetAmount.getText());

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection u=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

Statement s=u.createStatement();

String sqlmp = "INSERT INTO BillMain (BillNumber, BillDate, StudentID, BillTotal) VALUES (" + mgk1 + ",'" + mgk2 + "','" + mgk3 + "'," + mgk4 + ")";

System.out.println(sqlmp);

s.executeUpdate(sqlmp);

/\*ResultSet rs = s.executeQuery("select \* from BillDetails");

JOptionPane.showMessageDialog(this,"Record Added Successfully");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

JTableHeader th = StationeryTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String s1 = rs.getString("StationeryID");

String s2 = rs.getString("StationeryName");

String s3 = rs.getString("StationeryType");

String s4 = String.valueOf(rs.getInt("StockInHand"));

String s5 = String.valueOf(rs.getInt("ReorderLevel"));

String s6 = String.valueOf(rs.getDouble("UnitPrice"));

String s7 = rs.getString("SupplierID");

String tbData[] = {s1, s2, s3, s4, s5, s6, s7};

tblModel.addRow(tbData);

}\*/

}

catch(HeadlessException | NumberFormatException | SQLException E)

{

System.out.println(E);

} catch (ClassNotFoundException ex) {

Logger.getLogger(StationeryBill.class.getName()).log(Level.SEVERE, null, ex);

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(UniformBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(UniformBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(UniformBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(UniformBill.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new UniformBill().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnAddItem;

private javax.swing.JButton btnCalculate;

private javax.swing.JButton btnClose;

private javax.swing.JButton btnFetchPrice;

private javax.swing.JButton btnRemoveItem;

private javax.swing.JButton btnStoreBill;

private javax.swing.JComboBox<String> cboItemName;

private javax.swing.JComboBox<String> cboStudentID;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable tblUniformBill;

private javax.swing.JTextField txtBillDate;

private javax.swing.JTextField txtBillNumber;

private javax.swing.JTextField txtItemTotal;

private javax.swing.JTextField txtNetAmount;

private javax.swing.JTextField txtQuantity;

private javax.swing.JTextField txtUnitPrice;

// End of variables declaration

}

19. **View Home.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

/\*\*

\*

\* @author rishi

\*/

public class ViewHome extends javax.swing.JFrame {

/\*\*

\* Creates new form ViewHome

\*/

public ViewHome() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

btnViewStationery = new javax.swing.JButton();

btnViewSuppliers = new javax.swing.JButton();

btnViewUniform = new javax.swing.JButton();

btnViewStudent = new javax.swing.JButton();

btnViewTextbooks = new javax.swing.JButton();

btnViewClose = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 0, 51));

jLabel1.setText("View Records");

btnViewStationery.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnViewStationery.setText("Stationery");

btnViewStationery.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnViewStationeryActionPerformed(evt);

}

});

btnViewSuppliers.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnViewSuppliers.setText("Suppliers");

btnViewSuppliers.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnViewSuppliersActionPerformed(evt);

}

});

btnViewUniform.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnViewUniform.setText("Uniform");

btnViewUniform.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnViewUniformActionPerformed(evt);

}

});

btnViewStudent.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnViewStudent.setText("Student");

btnViewStudent.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnViewStudentActionPerformed(evt);

}

});

btnViewTextbooks.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnViewTextbooks.setText("Textbooks");

btnViewTextbooks.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnViewTextbooksActionPerformed(evt);

}

});

btnViewClose.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N

btnViewClose.setText("Close");

btnViewClose.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnViewCloseActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(54, 54, 54)

.addComponent(btnViewStationery, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(50, 50, 50)

.addComponent(btnViewStudent, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 49, Short.MAX\_VALUE)

.addComponent(btnViewSuppliers, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(54, 54, 54))

.addGroup(layout.createSequentialGroup()

.addGap(149, 149, 149)

.addComponent(btnViewTextbooks, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(54, 54, 54)

.addComponent(btnViewUniform, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jLabel1)

.addGap(206, 206, 206))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnViewClose, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(230, 230, 230))))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(46, 46, 46)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnViewStationery)

.addComponent(btnViewStudent)

.addComponent(btnViewSuppliers))

.addGap(70, 70, 70)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(btnViewTextbooks)

.addComponent(btnViewUniform))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 70, Short.MAX\_VALUE)

.addComponent(btnViewClose)

.addGap(50, 50, 50))

);

pack();

}// </editor-fold>

private void btnViewTextbooksActionPerformed(java.awt.event.ActionEvent evt) {

ViewTextbooks ob1 = new ViewTextbooks();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnViewCloseActionPerformed(java.awt.event.ActionEvent evt) {

Home ob1 = new Home();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnViewStudentActionPerformed(java.awt.event.ActionEvent evt) {

ViewStudent ob1 = new ViewStudent();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnViewStationeryActionPerformed(java.awt.event.ActionEvent evt) {

ViewStationary ob1 = new ViewStationary();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnViewSuppliersActionPerformed(java.awt.event.ActionEvent evt) {

ViewSuppliers ob1 = new ViewSuppliers();

ob1.setVisible(true);

this.setVisible(false);

}

private void btnViewUniformActionPerformed(java.awt.event.ActionEvent evt) {

ViewUniform ob1 = new ViewUniform();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ViewHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ViewHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ViewHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ViewHome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new ViewHome().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnViewClose;

private javax.swing.JButton btnViewStationery;

private javax.swing.JButton btnViewStudent;

private javax.swing.JButton btnViewSuppliers;

private javax.swing.JButton btnViewTextbooks;

private javax.swing.JButton btnViewUniform;

private javax.swing.JLabel jLabel1;

// End of variables declaration

}

20. **View Stationary.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class ViewStationary extends javax.swing.JFrame {

/\*\*

\* Creates new form ViewStationary

\*/

public ViewStationary() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

StationeryTable = new javax.swing.JTable();

btnCloseStationeryView = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setText("Stationery Details");

StationeryTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"StationeryID", "StationeryName", "StationeryType", "StockInHand", "ReorderLevel", "UnitPrice", "SuppliersID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

StationeryTable.addComponentListener(new java.awt.event.ComponentAdapter() {

public void componentHidden(java.awt.event.ComponentEvent evt) {

StationeryTableComponentHidden(evt);

}

});

jScrollPane1.setViewportView(StationeryTable);

btnCloseStationeryView.setFont(new java.awt.Font("Verdana", 1, 20)); // NOI18N

btnCloseStationeryView.setText("Close");

btnCloseStationeryView.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseStationeryViewActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(389, 389, 389)

.addComponent(btnCloseStationeryView))

.addGroup(layout.createSequentialGroup()

.addGap(304, 304, 304)

.addComponent(jLabel1)))

.addGap(0, 328, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 890, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap())

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 256, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addComponent(btnCloseStationeryView)

.addContainerGap(135, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void StationeryTableComponentHidden(java.awt.event.ComponentEvent evt) {

// TODO add your handling code here:

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{ Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Stationery");

DefaultTableModel tblModel = (DefaultTableModel)StationeryTable.getModel();

//JTableHeader th = StudentTable.getTableHeader();

//th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String stid = rs.getString("StationeryID");

String stnm = rs.getString("StationeryName");

String stp = rs.getString("StationeryType");

String sih = String.valueOf(rs.getInt("StockInHand"));

String rl = String.valueOf(rs.getInt("ReorderLevel"));;

String up = rs.getString("UnitPrice");

String sid = rs.getString("SupplierID");

System.out.println(stid+ stnm+ stp+ sih+ rl+ up+ sid);

String tbData[] = {stid, stnm, stp, sih, rl, up, sid};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnCloseStationeryViewActionPerformed(java.awt.event.ActionEvent evt) {

ViewHome ob1 = new ViewHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

private void formWindowOpened(java.awt.event.WindowEvent evt) {

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ViewStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ViewStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ViewStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ViewStationary.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new ViewStationary().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable StationeryTable;

private javax.swing.JButton btnCloseStationeryView;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

21. **View Student.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class ViewStudent extends javax.swing.JFrame {

/\*\*

\* Creates new form ViewStudent

\*/

public ViewStudent() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

StudentTable = new javax.swing.JTable();

btnCloseStudentView = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

public void windowOpened(java.awt.event.WindowEvent evt) {

formWindowOpened(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel2.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel2.setText("Student Details");

StudentTable.setFont(new java.awt.Font("Verdana", 0, 12)); // NOI18N

StudentTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"StudentID", "StudentName", "ClassDiv", "FatherName", "MotherName", "FatherMobile", "MotherMoblile"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.String.class

};

boolean[] canEdit = new boolean [] {

false, false, false, false, false, false, false

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

public boolean isCellEditable(int rowIndex, int columnIndex) {

return canEdit [columnIndex];

}

});

jScrollPane1.setViewportView(StudentTable);

btnCloseStudentView.setFont(new java.awt.Font("Verdana", 1, 20)); // NOI18N

btnCloseStudentView.setText("Close");

btnCloseStudentView.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseStudentViewActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(413, 413, 413)

.addComponent(jLabel1)

.addGap(35, 35, 35)

.addComponent(jLabel2))

.addGroup(layout.createSequentialGroup()

.addGap(37, 37, 37)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 1046, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(521, 521, 521)

.addComponent(btnCloseStudentView)))

.addContainerGap(40, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel1))

.addGap(39, 39, 39)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 317, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(47, 47, 47)

.addComponent(btnCloseStudentView)

.addContainerGap(51, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void btnCloseStudentViewActionPerformed(java.awt.event.ActionEvent evt) {

ViewHome ob1 = new ViewHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

}

private void formWindowOpened(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Students");

DefaultTableModel tblModel = (DefaultTableModel)StudentTable.getModel();

//JTableHeader th = StudentTable.getTableHeader();

//th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String sti = rs.getString("StudentID");

String stn = rs.getString("StudentName");

String cd = rs.getString("ClassDiv");

String fn = rs.getString("FatherName");

String mn = rs.getString("MotherName");

String fm = rs.getString("FatherMobile");

String mm = rs.getString("MotherMobile");

System.out.println(sti+ stn+ cd+ fn+ mn+ fm+ mm);

String tbData[] = {sti, stn, cd, fn, mn, fm, mm};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ViewStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ViewStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ViewStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ViewStudent.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(() -> {

new ViewStudent().setVisible(true);

});

}

// Variables declaration - do not modify

private javax.swing.JTable StudentTable;

private javax.swing.JButton btnCloseStudentView;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

22. **View Suppliers.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.JScrollPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class ViewSuppliers extends javax.swing.JFrame {

/\*\*

\* Creates new form ViewSuppliers

\*/

public ViewSuppliers() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jScrollPane1 = new javax.swing.JScrollPane();

table = new javax.swing.JTable();

jLabel1 = new javax.swing.JLabel();

btnCloseSuppliersView = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

table.setFont(new java.awt.Font("Verdana", 0, 12)); // NOI18N

table.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"Supplier ID", "Supplier Name", "Address", "City", "Pin Code", "Contact Person", "Mobile Number", "Alternate Mobile"

}

) {

boolean[] canEdit = new boolean [] {

false, false, false, false, false, false, false, false

};

public boolean isCellEditable(int rowIndex, int columnIndex) {

return canEdit [columnIndex];

}

});

jScrollPane1.setViewportView(table);

jLabel1.setFont(new java.awt.Font("Verdana", 1, 24)); // NOI18N

jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel1.setText("Supplier Details");

btnCloseSuppliersView.setFont(new java.awt.Font("Verdana", 1, 20)); // NOI18N

btnCloseSuppliersView.setText("Close");

btnCloseSuppliersView.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseSuppliersViewActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jScrollPane1))

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(517, Short.MAX\_VALUE)

.addComponent(btnCloseSuppliersView, javax.swing.GroupLayout.PREFERRED\_SIZE, 164, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(498, 498, 498))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 358, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(btnCloseSuppliersView, javax.swing.GroupLayout.PREFERRED\_SIZE, 62, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(79, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Suppliers");

DefaultTableModel tblModel = (DefaultTableModel)table.getModel();

JTableHeader th = table.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String si = rs.getString("SupplierID");

String sn = rs.getString("SupplierName");

String ad = rs.getString("Address");

String ci = rs.getString("City");

String pi = String.valueOf(rs.getLong("Pincode"));

String co = rs.getString("ContactPerson");

String mo = rs.getString("MobileNumber");

String al = rs.getString("AlternateMobile");

String tbData[] = {si, sn, ad, ci, pi, co, mo, al};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

private void btnCloseSuppliersViewActionPerformed(java.awt.event.ActionEvent evt) {

ViewHome ob1 = new ViewHome();

ob1.setVisible(true);

this.setVisible(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ViewSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ViewSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ViewSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ViewSuppliers.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new ViewSuppliers().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnCloseSuppliersView;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable table;

// End of variables declaration

}

23. **View Textbooks.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import java.awt.HeadlessException;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JOptionPane;

import javax.swing.JScrollPane;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class ViewTextbooks extends javax.swing.JFrame {

/\*\*

\* Creates new form ViewTextbooks

\*/

public ViewTextbooks() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jScrollPane1 = new javax.swing.JScrollPane();

TextbooksTable = new javax.swing.JTable();

btnCloseTextbookView = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setText("Textbook Details");

TextbooksTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"TextbookID", "TextbookName", "Grade", "Publisher", "StockInHand", "ReorderLevel", "UnitPrice", "SuppliersID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(TextbooksTable);

btnCloseTextbookView.setFont(new java.awt.Font("Verdana", 1, 20)); // NOI18N

btnCloseTextbookView.setText("Close");

btnCloseTextbookView.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseTextbookViewActionPerformed(evt);

}

});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(33, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jLabel1)

.addGap(316, 316, 316))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 843, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(36, 36, 36))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnCloseTextbookView)

.addGap(392, 392, 392))))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 246, Short.MAX\_VALUE)

.addGap(18, 18, 18)

.addComponent(btnCloseTextbookView)

.addGap(145, 145, 145))

);

pack();

}// </editor-fold>

private void btnCloseTextbookViewActionPerformed(java.awt.event.ActionEvent evt) {

ViewHome ob1 = new ViewHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Textbooks");

DefaultTableModel tblModel = (DefaultTableModel)TextbooksTable.getModel();

JTableHeader th = TextbooksTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String tid = rs.getString("TextbookID");

String tn = rs.getString("TextbookName");

String g = String.valueOf(rs.getInt("Grade"));

String pbl = rs.getString("Publisher");

String siht = String.valueOf(rs.getInt("StockInHand"));

String rlt = String.valueOf(rs.getInt("ReorderLevel"));

String upt = rs.getString("UnitPrice");

String sid = rs.getString("SupplierID");

String tbData[] = {tid, tn, g, pbl, siht, rlt, upt, sid};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ViewTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ViewTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ViewTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ViewTextbooks.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new ViewTextbooks().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable TextbooksTable;

private javax.swing.JButton btnCloseTextbookView;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}

24. **View Uniform.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication2;

import java.awt.Font;

import static java.lang.Math.E;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

import javax.swing.table.JTableHeader;

/\*\*

\*

\* @author rishi

\*/

public class ViewUniform extends javax.swing.JFrame {

/\*\*

\* Creates new form ViewUniform

\*/

public ViewUniform() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

btnCloseViewUniform = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

UniformTable = new javax.swing.JTable();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowActivated(java.awt.event.WindowEvent evt) {

formWindowActivated(evt);

}

});

jLabel1.setFont(new java.awt.Font("Verdana", 1, 27)); // NOI18N

jLabel1.setText("Uniform Details");

btnCloseViewUniform.setFont(new java.awt.Font("Verdana", 1, 20)); // NOI18N

btnCloseViewUniform.setText("Close");

btnCloseViewUniform.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnCloseViewUniformActionPerformed(evt);

}

});

UniformTable.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

},

new String [] {

"UniformID", "UniformName", "UniformType", "StockInHand", "ReorderLevel", "UnitPrice", "SupplierID"

}

) {

Class[] types = new Class [] {

java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class, java.lang.Integer.class, java.lang.String.class, java.lang.String.class

};

public Class getColumnClass(int columnIndex) {

return types [columnIndex];

}

});

jScrollPane1.setViewportView(UniformTable);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jLabel1)

.addGap(396, 396, 396))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 1021, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addComponent(btnCloseViewUniform)

.addGap(475, 475, 475))))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 325, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(38, 38, 38)

.addComponent(btnCloseViewUniform)

.addContainerGap(46, Short.MAX\_VALUE))

);

pack();

}// </editor-fold>

private void btnCloseViewUniformActionPerformed(java.awt.event.ActionEvent evt) {

ViewHome ob1 = new ViewHome();

ob1.setVisible(true);

this.setVisible(false);

}

private void formWindowActivated(java.awt.event.WindowEvent evt) {

try

{

Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");

Connection c=DriverManager.getConnection("jdbc:ucanaccess://C:\\RISHI\_CS\_IA\\VID\_INV.accdb");

//System.out.println("Database Connected");

Statement s=c.createStatement();

ResultSet rs = s.executeQuery("select \* from Uniform");

DefaultTableModel tblModel = (DefaultTableModel)UniformTable.getModel();

JTableHeader th = UniformTable.getTableHeader();

th.setFont(new Font("Verdana", Font.BOLD, 14));

tblModel.getDataVector().removeAllElements();

revalidate();

while(rs.next())

{

String uifd = rs.getString("UniformID");

String uifn = rs.getString("UniformName");

String uift = rs.getString("UniformType");

String sihu = String.valueOf(rs.getInt("StockInHand"));

String rlu = String.valueOf(rs.getInt("ReorderLevel"));

String upu = rs.getString("UnitPrice");

String siu = rs.getString("SupplierID");

String tbData[] = {uifd, uifn, uift, sihu, rlu, upu, siu};

tblModel.addRow(tbData);

}

} catch (ClassNotFoundException | SQLException ex) {

System.out.println(E);

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(ViewUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(ViewUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(ViewUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(ViewUniform.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new ViewUniform().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JTable UniformTable;

private javax.swing.JButton btnCloseViewUniform;

private javax.swing.JLabel jLabel1;

private javax.swing.JScrollPane jScrollPane1;

// End of variables declaration

}