**Package Name : ambaltextiles**

**About.java**

**package** ambaltextiles;

**import** java.sql.SQLException;

**import** javax.swing.JOptionPane;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** About **extends** javax.swing.JFrame {

/\*\*

\* Creates new form About

\*/

**public** About() {

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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

jLabel3 = **new** javax.swing.JLabel();

jLabel4 = **new** javax.swing.JLabel();

close = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, **new** java.awt.Color(255, 255, 255)));

jLabel1.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/logoWhite.png"))); // NOI18N

jLabel1.setToolTipText("Ambal Textiles Logo");

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 18)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("About");

jLabel4.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 17)); // NOI18N

jLabel4.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel4.setText("<html><body>The main motto of this application is to produce bills<br>for the customer of the Ambal Textiles. This application<br>is reliable, durable, portable and attractant. Easy to operate.<br>It has following features that are<br>It helps to print the bill in pdf format<br>It helps to check the balance state of the clients.<br>This application presents to Senthil Kumar by Sridhar.</body></html>");

jLabel4.setToolTipText("Objective & Subject of Application");

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.setToolTipText("Close");

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(26, 26, 26)

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 34, Short.MAX\_VALUE)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(25, 25, 25))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(49, 49, 49)

.addComponent(jLabel3)

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

.addComponent(close)

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(39, 39, 39)

.addComponent(jLabel3))

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(close)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 46, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel1))

.addGap(75, 75, 75))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(730, 340));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

Home home;

**try** {

home = **new** Home();

home.setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

}

}//GEN-LAST:event\_closeMouseClicked

/\*\*

\* **@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(About.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(About.**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** About().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JLabel close;

**private** javax.swing.JLabel jLabel1;

**private** javax.swing.JLabel jLabel3;

**private** javax.swing.JLabel jLabel4;

**private** javax.swing.JPanel jPanel1;

// End of variables declaration//GEN-END:variables

}

**AddCustomer.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** ambaltextiles;

**import** ambaltextiles.databaseWorks.DatabaseFunctions;

**import** java.sql.SQLException;

**import** java.util.ArrayList;

**import** javax.swing.JOptionPane;

**import** javax.swing.JScrollPane;

**import** javax.swing.table.DefaultTableCellRenderer;

**import** javax.swing.table.DefaultTableModel;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** AddCustomer **extends** javax.swing.JFrame {

DatabaseFunctions df;

DefaultTableModel dm;

DefaultTableCellRenderer centerRenderer;

JScrollPane sp;

String[] head;

**private** String custid, n, a1, a2, a3, t, sc, pho;

/\*\*

\* Creates new form Customers

\*/

**public** AddCustomer() {

dm = **new** DefaultTableModel(0, 0);

initComponents();

head = **new** String[]{"ADDRESS DETAILS"}; // declare header fields

dm.setColumnIdentifiers(head);

// formatting data in cells as center

centerRenderer = **new** DefaultTableCellRenderer(); // instance of the DefaultTableCellRenderer

// applying the above format to all cells in table

customerListTable.getColumnModel().getColumn(0).setCellRenderer(centerRenderer);

}

**public** String getN() {

**return** n;

}

**public** **void** setN(String n) {

**this**.n = n;

}

**public** String getA1() {

**return** a1;

}

**public** **void** setA1(String a1) {

**this**.a1 = a1;

}

**public** String getA2() {

**return** a2;

}

**public** **void** setA2(String a2) {

**this**.a2 = a2;

}

**public** String getA3() {

**return** a3;

}

**public** **void** setA3(String a3) {

**this**.a3 = a3;

}

**public** String getT() {

**return** t;

}

**public** **void** setT(String t) {

**this**.t = t;

}

**public** String getSc() {

**return** sc;

}

**public** **void** setSc(String sc) {

**this**.sc = sc;

}

**public** String getPho() {

**return** pho;

}

**public** **void** setPho(String pho) {

**this**.pho = pho;

}

**public** String getCustid() {

**return** custid;

}

**public** **void** setCustid(String custid) {

**this**.custid = custid;

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

close = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

nameOfCompany = **new** javax.swing.JTextField();

jLabel3 = **new** javax.swing.JLabel();

addressLine1 = **new** javax.swing.JTextField();

addressLine2 = **new** javax.swing.JTextField();

jLabel4 = **new** javax.swing.JLabel();

addressLine3 = **new** javax.swing.JTextField();

jLabel5 = **new** javax.swing.JLabel();

jLabel6 = **new** javax.swing.JLabel();

gstinNumber = **new** javax.swing.JTextField();

jLabel7 = **new** javax.swing.JLabel();

stateCode = **new** javax.swing.JTextField();

jLabel8 = **new** javax.swing.JLabel();

phoneNumber = **new** javax.swing.JTextField();

addAccount = **new** javax.swing.JButton();

jScrollPane1 = **new** javax.swing.JScrollPane();

customerListTable = **new** javax.swing.JTable();

jLabel9 = **new** javax.swing.JLabel();

jLabel10 = **new** javax.swing.JLabel();

customerId = **new** javax.swing.JTextField();

updateAccount = **new** javax.swing.JButton();

clearDetails = **new** javax.swing.JButton();

viewList = **new** javax.swing.JButton();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, **new** java.awt.Color(255, 255, 255)));

jPanel1.setForeground(**new** java.awt.Color(47, 93, 129));

jLabel1.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

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

jLabel1.setText("NEW CUSTOMER");

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.setToolTipText("Close");

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

jLabel2.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel2.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel2.setText("NAME OF THE COMPANY/ CUSTOMER");

nameOfCompany.setToolTipText("Customer Name / Company Name");

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("ADDRESS LINE I");

addressLine1.setToolTipText("Address Line 1");

addressLine2.setToolTipText("Address Line 2");

jLabel4.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel4.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel4.setText("ADDRESS LINE II");

addressLine3.setToolTipText("Address Line 3");

jLabel5.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel5.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel5.setText("ADDRESS LINE III");

jLabel6.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel6.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel6.setText("GSTIN NUMBER");

gstinNumber.setToolTipText("TIN Number");

jLabel7.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel7.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel7.setText("STATE CODE");

stateCode.setToolTipText("State Code");

jLabel8.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel8.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel8.setText("PHONE NUMBER");

phoneNumber.setToolTipText("phone Number");

addAccount.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

addAccount.setText("ADD");

addAccount.setToolTipText("Add Account ");

addAccount.addActionListener(**new** java.awt.event.ActionListener() {

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

addAccountActionPerformed(evt);

}

});

customerListTable.setFont(**new** java.awt.Font("Consolas", 1, 13)); // NOI18N

customerListTable.setModel(dm);

customerListTable.setToolTipText("Customer Details Table");

customerListTable.setRowHeight(25);

jScrollPane1.setViewportView(customerListTable);

jLabel9.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

jLabel9.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel9.setText("CUSTOMER LIST");

jLabel10.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel10.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel10.setText("CUSTOMER ID");

customerId.setToolTipText("Customer Id");

updateAccount.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

updateAccount.setText("UPDATE");

updateAccount.setToolTipText("Update Customer Account");

updateAccount.addActionListener(**new** java.awt.event.ActionListener() {

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

updateAccountActionPerformed(evt);

}

});

clearDetails.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

clearDetails.setText("CLEAR");

clearDetails.setToolTipText("Clear Details");

clearDetails.addActionListener(**new** java.awt.event.ActionListener() {

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

clearDetailsActionPerformed(evt);

}

});

viewList.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

viewList.setText("view list");

viewList.setToolTipText("View List of Cutomer Accounts");

viewList.addActionListener(**new** java.awt.event.ActionListener() {

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

viewListActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(jLabel2)

.addComponent(nameOfCompany, javax.swing.GroupLayout.PREFERRED\_SIZE, 300, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel3)

.addComponent(addressLine1, javax.swing.GroupLayout.PREFERRED\_SIZE, 300, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel4)

.addComponent(addressLine2, javax.swing.GroupLayout.PREFERRED\_SIZE, 300, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5)

.addComponent(addressLine3, javax.swing.GroupLayout.PREFERRED\_SIZE, 300, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel6)

.addComponent(gstinNumber, javax.swing.GroupLayout.PREFERRED\_SIZE, 300, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel7)

.addComponent(stateCode, javax.swing.GroupLayout.PREFERRED\_SIZE, 300, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel8)

.addComponent(phoneNumber, javax.swing.GroupLayout.PREFERRED\_SIZE, 300, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(46, 46, 46)

.addComponent(addAccount)

.addGap(51, 51, 51)

.addComponent(clearDetails)))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(28, 28, 28)

.addComponent(jLabel10)

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

.addComponent(customerId, javax.swing.GroupLayout.PREFERRED\_SIZE, 100, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(updateAccount)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(30, 30, 30)

.addComponent(jLabel9)

.addGap(73, 73, 73)

.addComponent(viewList)

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

.addComponent(close))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 748, Short.MAX\_VALUE)))

.addContainerGap())))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(close)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(jLabel9)

.addComponent(viewList)))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 439, Short.MAX\_VALUE)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(21, 21, 21)

.addComponent(jLabel2)

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

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

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

.addComponent(jLabel3)

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

.addComponent(addressLine1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel4)

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

.addComponent(addressLine2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel5)

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

.addComponent(addressLine3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jLabel6)

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

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

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

.addComponent(jLabel7)

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

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

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

.addComponent(jLabel8)

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

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

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(addAccount)

.addComponent(clearDetails))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel10)

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

.addComponent(updateAccount))

.addGap(16, 16, 16))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(1100, 550));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

Home homeWindow;

**try** {

homeWindow = **new** Home();

homeWindow.setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

}

}//GEN-LAST:event\_closeMouseClicked

**private** **void** addAccountActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addAccountActionPerformed

df = **new** DatabaseFunctions();

**try** {

**if** (!nameOfCompany.getText().equals("") && !addressLine1.getText().equals("") && !addressLine2.getText().equals("")

&& !gstinNumber.getText().equals("") && !stateCode.getText().equals("") && !phoneNumber.getText().equals("")) {

df.insertionAccount(nameOfCompany.getText(), addressLine1.getText(), addressLine2.getText(),

addressLine3.getText(), gstinNumber.getText(), stateCode.getText(), phoneNumber.getText());

tableDatas();

} **else** {

JOptionPane.showMessageDialog(**this**, "You must enter all fields \n(optional field: Address Line3)", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}//GEN-LAST:event\_addAccountActionPerformed

**private** **void** updateAccountActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_updateAccountActionPerformed

// **TODO** add your handling code here:

df = **new** DatabaseFunctions();

**try** {

**if** (nameOfCompany.getText().equals("") && addressLine1.getText().equals("") && addressLine2.getText().equals("")

&& addressLine3.getText().equals("") && gstinNumber.getText().equals("") && stateCode.getText().equals("") && phoneNumber.getText().equals("")) {

JOptionPane.showMessageDialog(**this**, "You must enter anyone of the fields to update", "Empty Error", JOptionPane.ERROR\_MESSAGE);

} **else** {

**if** (!customerId.getText().equals("")) {

df.updateAccount(Integer.parseInt(customerId.getText()), nameOfCompany.getText(), addressLine1.getText(), addressLine2.getText(),

addressLine3.getText(), gstinNumber.getText(), stateCode.getText(), phoneNumber.getText());

clearAll();

customerId.setText("");

tableDatas();

} **else** {

JOptionPane.showMessageDialog(**this**, "You must enter Customer Id field", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

}

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}//GEN-LAST:event\_updateAccountActionPerformed

**private** **void** clearDetailsActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_clearDetailsActionPerformed

// **TODO** add your handling code here:

clearAll();

}//GEN-LAST:event\_clearDetailsActionPerformed

**private** **void** viewListActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_viewListActionPerformed

// **TODO** add your handling code here:

tableDatas();

}//GEN-LAST:event\_viewListActionPerformed

**private** **void** clearAll() {

nameOfCompany.setText("");

addressLine1.setText("");

addressLine2.setText("");

addressLine3.setText("");

gstinNumber.setText("");

stateCode.setText("");

phoneNumber.setText("");

}

**private** **void** tableDatas() {

**while** (dm.getRowCount() > 0) {

dm.removeRow(0);

}

**try** {

df = **new** DatabaseFunctions();

ArrayList<AddCustomer> l = df.findAll();

l.forEach((list) -> {

dm.addRow(**new** Object[]{

list.getCustid() + " -> "

+ list.getN() + ", "

+ list.getA1() + ", "

+ list.getA2() + ", "

+ list.getA3() + ", "

+ list.getT() + ", "

+ list.getSc() + ", "

+ list.getPho()

});

});

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

/\*\*

\* **@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(AddCustomer.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

//</editor-fold>

/\* Create and display the form \*/

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

@Override

**public** **void** run() {

**new** AddCustomer().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JButton addAccount;

**private** javax.swing.JTextField addressLine1;

**private** javax.swing.JTextField addressLine2;

**private** javax.swing.JTextField addressLine3;

**private** javax.swing.JButton clearDetails;

**private** javax.swing.JLabel close;

**private** javax.swing.JTextField customerId;

**private** javax.swing.JTable customerListTable;

**private** javax.swing.JTextField gstinNumber;

**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 jLabel5;

**private** javax.swing.JLabel jLabel6;

**private** javax.swing.JLabel jLabel7;

**private** javax.swing.JLabel jLabel8;

**private** javax.swing.JLabel jLabel9;

**private** javax.swing.JPanel jPanel1;

**private** javax.swing.JScrollPane jScrollPane1;

**private** javax.swing.JTextField nameOfCompany;

**private** javax.swing.JTextField phoneNumber;

**private** javax.swing.JTextField stateCode;

**private** javax.swing.JButton updateAccount;

**private** javax.swing.JButton viewList;

// End of variables declaration//GEN-END:variables

}

**AmbalTextiles.java**

**package** ambaltextiles;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** AmbalTextiles {

**public** **static** **void** main(String[] args) {

// SplashScreen

Login log;

SplashScreen screen = **new** SplashScreen();

screen.setVisible(**true**);

**try** {

**for** (**int** i = 0; i <= 100; i++) {

Thread.sleep(50);

screen.loadingNumber.setText(Integer.toString(i) + " %");

screen.loadingBar.setValue(i);

}

screen.setVisible(**false**);

log = **new** Login();

log.setVisible(**true**);

} **catch** (Exception e) {

// don't do anything

}

}

}

**Balance.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** ambaltextiles;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** Balance **extends** javax.swing.JFrame {

/\*\*

\* Creates new form Balance

\*/

**public** Balance() {

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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

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

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGap(0, 400, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addGap(0, 300, Short.MAX\_VALUE)

);

pack();

}// </editor-fold>//GEN-END:initComponents

/\*\*

\* **@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(Balance.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

/\* Create and display the form \*/

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

@Override

**public** **void** run() {

**new** Balance().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

// End of variables declaration//GEN-END:variables

}

**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** ambaltextiles;

**import** ambaltextiles.databaseWorks.DatabaseFunctions;

**import** com.itextpdf.text.DocumentException;

**import** com.itextpdf.text.pdf.BaseFont;

**import** com.itextpdf.text.pdf.PdfContentByte;

**import** com.itextpdf.text.pdf.PdfReader;

**import** com.itextpdf.text.pdf.PdfStamper;

**import** java.io.File;

**import** java.io.FileOutputStream;

**import** java.io.IOException;

**import** java.sql.SQLException;

**import** java.text.DecimalFormat;

**import** java.text.SimpleDateFormat;

**import** java.util.ArrayList;

**import** javax.swing.ButtonGroup;

**import** javax.swing.DefaultComboBoxModel;

**import** javax.swing.JOptionPane;

**import** javax.swing.SwingConstants;

**import** javax.swing.table.DefaultTableCellRenderer;

**import** javax.swing.table.DefaultTableModel;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** Bill **extends** javax.swing.JFrame {

DefaultTableModel dm;

DefaultTableCellRenderer centerRenderer;

ButtonGroup bg;

PdfReader reader;

DecimalFormat df, ddf;

DatabaseFunctions dataFunc;

String[] head;

Double total = 0.00, cgstAmount = 0.00, sgstAmount = 0.00, igstAmount = 0.00, netAmount = 0.00;

Double totalPcs = 0.0, totalMtr = 0.0;

**int** addCount = 0;

**boolean** flag = **false**, flag1 = **false**, flag2 = **false**, flag3 = **false**, flag4 = **true**, flag5 = **true**, flag6 = **true**, flag7 = **true**;

String[] prod, qua, pcs, mtr, rate, amnt;

String customerName;

/\*\*

\* Creates new form Bill

\*/

**public** Bill() {

dm = **new** DefaultTableModel(0, 0); // setting default model of the table

initComponents();

prod = **new** String[20];

qua = **new** String[20];

pcs = **new** String[20];

mtr = **new** String[20];

rate = **new** String[20];

amnt = **new** String[20];

**for** (**int** i = 0; i < 20; i++) {

prod[i] = "";

qua[i] = "";

pcs[i] = "";

mtr[i] = "";

rate[i] = "";

amnt[i] = "";

}

add.setEnabled(**true**);

bg = **new** ButtonGroup();

bg.add(cgst\_sgst);

bg.add(igst);

bg.add(noTax);

head = **new** String[]{"NO.", "PRODUCT", "QUALITY", "QUANTITY", "RATE", "AMOUNT"}; // declare header fields

dm.setColumnIdentifiers(head);

table.getColumnModel().getColumn(0).setPreferredWidth(100);

table.getColumnModel().getColumn(1).setPreferredWidth(100);

table.getColumnModel().getColumn(2).setPreferredWidth(100);

table.getColumnModel().getColumn(3).setPreferredWidth(150);

table.getColumnModel().getColumn(4).setPreferredWidth(100);

table.getColumnModel().getColumn(5).setPreferredWidth(200);

// formatting data in cells as center

centerRenderer = **new** DefaultTableCellRenderer(); // instance of the DefaultTableCellRenderer

centerRenderer.setHorizontalAlignment(SwingConstants.CENTER); // formatting cell element as center for horizontalAlignment

// applying the above format to all cells in table

table.getColumnModel().getColumn(0).setCellRenderer(centerRenderer);

table.getColumnModel().getColumn(1).setCellRenderer(centerRenderer);

table.getColumnModel().getColumn(2).setCellRenderer(centerRenderer);

table.getColumnModel().getColumn(3).setCellRenderer(centerRenderer);

table.getColumnModel().getColumn(4).setCellRenderer(centerRenderer);

table.getColumnModel().getColumn(5).setCellRenderer(centerRenderer);

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

billWindow = **new** javax.swing.JLabel();

pieces = **new** javax.swing.JTextField();

amountPerPiece = **new** javax.swing.JTextField();

jScrollPane1 = **new** javax.swing.JScrollPane();

table = **new** javax.swing.JTable();

add = **new** javax.swing.JButton();

l = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

jLabel3 = **new** javax.swing.JLabel();

jLabel4 = **new** javax.swing.JLabel();

jLabel5 = **new** javax.swing.JLabel();

clear = **new** javax.swing.JButton();

jLabel1 = **new** javax.swing.JLabel();

jLabel6 = **new** javax.swing.JLabel();

invoiceDate = **new** org.jdesktop.swingx.JXDatePicker();

saveAsPDF = **new** javax.swing.JLabel();

closeButton = **new** javax.swing.JLabel();

jLabel7 = **new** javax.swing.JLabel();

jLabel11 = **new** javax.swing.JLabel();

jLabel12 = **new** javax.swing.JLabel();

jLabel13 = **new** javax.swing.JLabel();

jLabel14 = **new** javax.swing.JLabel();

cgst\_sgst = **new** javax.swing.JRadioButton();

igst = **new** javax.swing.JRadioButton();

noTax = **new** javax.swing.JRadioButton();

transport = **new** javax.swing.JTextField();

place = **new** javax.swing.JTextField();

mode = **new** javax.swing.JTextField();

baleNumber = **new** javax.swing.JTextField();

jLabel16 = **new** javax.swing.JLabel();

hsn = **new** javax.swing.JTextField();

seeInvoiceNumber = **new** javax.swing.JLabel();

customerDetails = **new** javax.swing.JComboBox<>();

searchText = **new** javax.swing.JTextField();

searchButton = **new** javax.swing.JLabel();

jLabel8 = **new** javax.swing.JLabel();

invoiceNumber = **new** javax.swing.JTextField();

product = **new** javax.swing.JTextField();

quality = **new** javax.swing.JTextField();

jLabel9 = **new** javax.swing.JLabel();

metres = **new** javax.swing.JTextField();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, **new** java.awt.Color(255, 255, 255)));

billWindow.setFont(**new** java.awt.Font("Supercell-Magic", 0, 18)); // NOI18N

billWindow.setForeground(**new** java.awt.Color(255, 255, 255));

billWindow.setText("Billing Window");

pieces.setToolTipText("Pieces");

amountPerPiece.setToolTipText("Rate");

table.setFont(**new** java.awt.Font("Consolas", 1, 14)); // NOI18N

table.setModel(dm);

table.setToolTipText("Products Table");

table.setCursor(**new** java.awt.Cursor(java.awt.Cursor.HAND\_CURSOR));

table.setEnabled(**false**);

table.setRowHeight(25);

table.setRowSelectionAllowed(**false**);

table.getTableHeader().setResizingAllowed(**false**);

table.getTableHeader().setReorderingAllowed(**false**);

jScrollPane1.setViewportView(table);

table.getAccessibleContext().setAccessibleName("");

add.setText("Add");

add.setToolTipText("Add Purchasing Product");

add.addActionListener(**new** java.awt.event.ActionListener() {

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

addActionPerformed(evt);

}

});

l.setFont(**new** java.awt.Font("Consolas", 1, 24)); // NOI18N

l.setForeground(**new** java.awt.Color(255, 255, 255));

l.setText("Rs 0.0");

l.setToolTipText("Gross Total");

jLabel2.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel2.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel2.setText("PRODUCT");

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("QUALITY");

jLabel4.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel4.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel4.setText("PIECES");

jLabel5.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel5.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel5.setText("Rate");

clear.setText("Clear");

clear.setToolTipText("Clear Details");

clear.addActionListener(**new** java.awt.event.ActionListener() {

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

clearActionPerformed(evt);

}

});

jLabel1.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

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

jLabel1.setText("INVOICE NUMBER");

jLabel6.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel6.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel6.setText("INVOICE DATE");

invoiceDate.setToolTipText("Invoice Date");

saveAsPDF.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

saveAsPDF.setForeground(**new** java.awt.Color(255, 255, 255));

saveAsPDF.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/file.png"))); // NOI18N

saveAsPDF.setText("Save As PDF");

saveAsPDF.setToolTipText("Save As PDF Buton");

saveAsPDF.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

saveAsPDFMouseClicked(evt);

}

});

closeButton.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

closeButton.setToolTipText("Close");

closeButton.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeButtonMouseClicked(evt);

}

});

jLabel7.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel7.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel7.setText("CUSTOMER DETAILS");

jLabel11.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel11.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel11.setText("TRANSPORT");

jLabel12.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel12.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel12.setText("PLACE");

jLabel13.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel13.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel13.setText("MODE");

jLabel14.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel14.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel14.setText("BALE NUMBER");

cgst\_sgst.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

cgst\_sgst.setText("CGST + SGST");

cgst\_sgst.setToolTipText("CGST & SCST Bill");

igst.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

igst.setText("IGST");

igst.setToolTipText("IGST Bill");

noTax.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

noTax.setText("TAXLESS");

noTax.setToolTipText("Taxless BIll");

transport.setToolTipText("Transport Company Name");

place.setToolTipText("Place of Transport");

mode.setToolTipText("Mode of Transport");

baleNumber.setToolTipText("Bale Number");

jLabel16.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel16.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel16.setText("HSN");

hsn.setToolTipText("HSN");

seeInvoiceNumber.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/see.png"))); // NOI18N

seeInvoiceNumber.setToolTipText("Invoice Number Info");

seeInvoiceNumber.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

seeInvoiceNumberMouseClicked(evt);

}

});

customerDetails.setFont(**new** java.awt.Font("Consolas", 1, 12)); // NOI18N

customerDetails.setToolTipText("Customer Name/ Company Name");

searchText.setToolTipText("Search Bar");

searchButton.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/search.png"))); // NOI18N

searchButton.setToolTipText("Search Icon");

searchButton.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

searchButtonMouseClicked(evt);

}

});

jLabel8.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel8.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel8.setText("SEARCH BY NAME");

invoiceNumber.setToolTipText("Invoice Number");

product.setToolTipText("Product");

quality.setToolTipText("Quality");

jLabel9.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel9.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel9.setText("METRES");

metres.setToolTipText("Metres");

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(billWindow)

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

.addComponent(closeButton)

.addContainerGap())

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(customerDetails, 0, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, **false**)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel14)

.addComponent(jLabel16))

.addGap(49, 49, 49)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, **false**)

.addComponent(hsn, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(baleNumber, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 150, Short.MAX\_VALUE)))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel11)

.addComponent(jLabel12)

.addComponent(jLabel13))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

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

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(66, 66, 66)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, **false**)

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

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(10, 10, 10)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(saveAsPDF)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(cgst\_sgst)

.addGap(28, 28, 28)

.addComponent(igst)

.addGap(29, 29, 29)

.addComponent(noTax)))))

.addComponent(jLabel7)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(jLabel6)

.addComponent(jLabel8))

.addGap(20, 20, 20)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(searchText, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(searchButton))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, **false**)

.addComponent(invoiceDate, javax.swing.GroupLayout.DEFAULT\_SIZE, 157, Short.MAX\_VALUE)

.addComponent(invoiceNumber))

.addGap(18, 18, 18)

.addComponent(seeInvoiceNumber)))))

.addGap(0, 111, Short.MAX\_VALUE)))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(562, 562, 562)

.addComponent(l, javax.swing.GroupLayout.PREFERRED\_SIZE, 207, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 751, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGap(49, 49, 49))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(30, 30, 30)

.addComponent(jLabel3))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(product, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

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

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4)

.addComponent(pieces, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel9)

.addComponent(metres, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(amountPerPiece, javax.swing.GroupLayout.PREFERRED\_SIZE, 85, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5))

.addGap(18, 18, 18)

.addComponent(add)

.addGap(18, 18, 18)

.addComponent(clear)

.addGap(95, 95, 95))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(billWindow)

.addComponent(closeButton))

.addGap(96, 96, 96)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(seeInvoiceNumber)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

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

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel6)

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

.addGap(23, 23, 23)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, **false**)

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(searchText, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel8)))

.addGap(32, 32, 32)

.addComponent(jLabel7)

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

.addComponent(customerDetails, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(45, 45, 45)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel16)

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

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel14, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(baleNumber, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel11)

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

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel12)

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

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel13)

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

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(cgst\_sgst)

.addComponent(igst)

.addComponent(noTax))

.addGap(36, 36, 36)

.addComponent(saveAsPDF)

.addGap(0, 16, Short.MAX\_VALUE))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel3))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel9)

.addGap(17, 17, 17)

.addComponent(metres, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel4)

.addGap(17, 17, 17)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(pieces, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(product, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(quality, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE)))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(35, 35, 35)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(add, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(clear, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addComponent(jLabel5)

.addGap(17, 17, 17)

.addComponent(amountPerPiece, javax.swing.GroupLayout.PREFERRED\_SIZE, 32, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(19, 19, 19)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 524, javax.swing.GroupLayout.PREFERRED\_SIZE)))

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

.addComponent(l, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(15, 15, 15))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** addActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_addActionPerformed

**if** (addCount > 19) {

add.setEnabled(**false**);

} **else** {

**if** (product.getText().equals("") || quality.getText().equals("") || pieces.getText().equals("") || amountPerPiece.getText().equals("")) {

JOptionPane.showMessageDialog(**this**, "You must enter all fields", "Empty Error", JOptionPane.ERROR\_MESSAGE);

} **else** **if** (!pieces.getText().matches("[0-9]+.[0-9]+") && !pieces.getText().matches("[0-9]+")) {

JOptionPane.showMessageDialog(**this**, "You must enter Number in Pieces field", "Invalid Input", JOptionPane.ERROR\_MESSAGE);

} **else** **if** (pieces.getText().matches("0+")) {

JOptionPane.showMessageDialog(**this**, "You must enter Number above zero in Pieces field", "Count Error", JOptionPane.ERROR\_MESSAGE);

} **else** **if** (!amountPerPiece.getText().matches("[0-9]+.[0-9]+") && !amountPerPiece.getText().matches("[0-9]+")) {

JOptionPane.showMessageDialog(**this**, "You must enter Number in Amount per piece field", "Invalid Input", JOptionPane.ERROR\_MESSAGE);

} **else** **if** (amountPerPiece.getText().matches("0+") || amountPerPiece.getText().matches("0+.0+")) {

JOptionPane.showMessageDialog(**this**, "You must enter Number above zero in Amount per piece field", "Amount Error", JOptionPane.ERROR\_MESSAGE);

} **else** {

addCount++;

df = **new** DecimalFormat("0.00");

**if** (product.getText().toUpperCase().equals("COLLAR")

|| product.getText().toUpperCase().equals("N/W COLLAR")

|| product.getText().toUpperCase().equals("MICRODOT COLLAR")

|| product.getText().toUpperCase().equals("CUFF")

|| product.getText().toUpperCase().equals("N/W CUFF")

|| product.getText().toUpperCase().equals("MICRODOT CUFF")) {

dm.addRow(**new** Object[]{

Integer.toString(addCount),

product.getText().toUpperCase(),

quality.getText().toUpperCase(),

pieces.getText() + " PIECES",

df.format(Double.valueOf(amountPerPiece.getText())),

"Rs. " + df.format(Double.parseDouble(amountPerPiece.getText()) \* Double.parseDouble(pieces.getText()))

});

amnt[addCount - 1] = String.valueOf(Double.parseDouble(amountPerPiece.getText()) \* Double.parseDouble(pieces.getText()));

total += Double.parseDouble(amnt[addCount - 1]);

totalPcs += Double.parseDouble(pieces.getText());

mtr[addCount - 1] = "";

pcs[addCount - 1] = pieces.getText();

}

**if** (product.getText().toUpperCase().equals("PATTI ROLL")

|| product.getText().toUpperCase().equals("N/W PATTI ROLL")) {

dm.addRow(**new** Object[]{

Integer.toString(addCount),

product.getText().toUpperCase(),

quality.getText().toUpperCase(),

(Double.valueOf(pieces.getText()) \* Double.valueOf(metres.getText())) + " METERS",

df.format(Double.valueOf(amountPerPiece.getText())),

"Rs. " + df.format(Double.parseDouble(amountPerPiece.getText()) \* Double.parseDouble(pieces.getText()) \* Double.valueOf(metres.getText()))

});

amnt[addCount - 1] = String.valueOf(Double.parseDouble(amountPerPiece.getText()) \* Double.parseDouble(pieces.getText()) \* Double.valueOf(metres.getText()));

total += Double.parseDouble(amnt[addCount - 1]);

totalPcs += Double.parseDouble(pieces.getText());

totalMtr += Double.parseDouble(metres.getText());

pcs[addCount - 1] = pieces.getText();

mtr[addCount - 1] = metres.getText();

}

**if** (product.getText().toUpperCase().equals("LONG CLOTH")

|| product.getText().toUpperCase().equals("GADA")

|| product.getText().toUpperCase().equals("GRAY")) {

dm.addRow(**new** Object[]{

Integer.toString(addCount),

product.getText().toUpperCase(),

quality.getText().toUpperCase(),

Double.valueOf(metres.getText()) + " METERS",

df.format(Double.valueOf(amountPerPiece.getText())),

"Rs. " + df.format(Double.parseDouble(amountPerPiece.getText()) \* Double.valueOf(metres.getText()))

});

amnt[addCount - 1] = String.valueOf(Double.parseDouble(amountPerPiece.getText()) \* Double.parseDouble(metres.getText()));

total += Double.parseDouble(amnt[addCount - 1]);

totalPcs += Double.parseDouble(pieces.getText());

totalMtr += Double.parseDouble(metres.getText());

pcs[addCount - 1] = pieces.getText();

mtr[addCount - 1] = metres.getText();

}

qua[addCount - 1] = quality.getText().toUpperCase();

prod[addCount - 1] = product.getText().toUpperCase();

rate[addCount - 1] = df.format(Double.valueOf(amountPerPiece.getText()));

l.setText("Rs. " + df.format(total));

}

}

}//GEN-LAST:event\_addActionPerformed

**private** **void** clearActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_clearActionPerformed

// **TODO** add your handling code here:

product.setText("");

quality.setText("");

pieces.setText("");

metres.setText("");

amountPerPiece.setText("");

}//GEN-LAST:event\_clearActionPerformed

**private** **void** saveAsPDFMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_saveAsPDFMouseClicked

// **TODO** add your handling code here:

df = **new** DecimalFormat("0.00");

**try** {

// Creation of new directory

File file = **new** File("E:\\Invoices"); // name of the folder "Invoices" in "E" local disk

**if** (!file.exists()) { // check if the folder is already exists or not

file.mkdir(); // making file directory

}

//Another folder creation

File file2 = **new** File("E:\\Taxless");

**if** (!file2.exists()) {

file2.mkdir();

}

customerName = customerDetails.getSelectedItem().toString();

**if** (customerName.equals("NONE")) {

flag = **false**;

JOptionPane.showMessageDialog(**this**, "You must select anyone Customer", "Selection Error", JOptionPane.ERROR\_MESSAGE);

} **else** {

flag = **true**;

}

**if** (!invoiceNumber.getText().equals("")) {

flag1 = **true**;

} **else** {

flag1 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Invoice Number field", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

**if** (invoiceDate.getDate() != **null**) {

flag2 = **true**;

} **else** {

flag2 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Invoice Date field", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

**if** (addCount > 0) {

flag3 = **true**;

} **else** {

flag3 = **false**;

JOptionPane.showMessageDialog(**this**, "You must add atleast one purchasing field", "Empty Purchase", JOptionPane.ERROR\_MESSAGE);

}

**if** (cgst\_sgst.isSelected()) {

reader = **new** PdfReader("ambaltextiles/files/sample.pdf"); // Loading pdf template - without details

}

**if** (noTax.isSelected()) {

reader = **new** PdfReader("ambaltextiles/files/sample3.pdf");

}

**if** (igst.isSelected()) {

**if** (baleNumber.getText().equals("")) {

flag4 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Bale Number field while selected IGST", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

**if** (transport.getText().equals("")) {

flag5 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Transport field while selected IGST", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

**if** (place.getText().equals("")) {

flag6 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Place field while selected IGST", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

**if** (mode.getText().equals("")) {

flag7 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Mode field while selected IGST", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

**if** (!baleNumber.getText().equals("") && !transport.getText().equals("") && !place.getText().equals("") && !mode.getText().equals("")) {

flag4 = **true**;

flag5 = **true**;

flag6 = **true**;

flag7 = **true**;

reader = **new** PdfReader("ambaltextiles/files/sample2.pdf");

}

}

**if** (!cgst\_sgst.isSelected() && !igst.isSelected() && !noTax.isSelected()) {

JOptionPane.showMessageDialog(**null**, "Select any one of the tax events");

} **else** {

**if** (flag && flag1 && flag2 && flag3 && flag4 && flag5 && flag6 && flag7) {

ddf = **new** DecimalFormat("0");

dataFunc = **new** DatabaseFunctions();

PdfStamper stamper;

**if** (!noTax.isSelected()) {

stamper = **new** PdfStamper(reader, **new** FileOutputStream("E:\\Invoices\\" + invoiceNumber.getText() + ".pdf")); // Output pdf - with details after overwritten

} **else** {

stamper = **new** PdfStamper(reader, **new** FileOutputStream("E:\\Taxless\\" + invoiceNumber.getText() + ".pdf")); // Output pdf - with details after overwritten

}

BaseFont bf = BaseFont.createFont("ambaltextiles/files/consolas.ttf", BaseFont.IDENTITY\_H, BaseFont.EMBEDDED); // font 1

BaseFont bfBold = BaseFont.createFont("ambaltextiles/files/consolab.ttf", BaseFont.IDENTITY\_H, BaseFont.EMBEDDED); // font 2

PdfContentByte over = stamper.getOverContent(1); // stamper helps to overwrite the content on pdf template

// getOverContent(1) - here 1 represents first page of the pdf template

over.beginText(); // start to write content

over.setFontAndSize(bf, 11); // setting font1 for the text below

// position of the text starts from bottom left corner of the page as (0,0) for (x,y)

over.setTextMatrix(52, 695); // setting position for the text where to start

over.showText(customerName); // text

**try** {

over.setTextMatrix(52, 680);

over.showText(dataFunc.getCustomerData(customerName, **true**, **false**, **false**, **false**, **false**, **false**));

over.setTextMatrix(52, 665);

over.showText(dataFunc.getCustomerData(customerName, **false**, **true**, **false**, **false**, **false**, **false**));

over.setTextMatrix(52, 650);

over.showText(dataFunc.getCustomerData(customerName, **false**, **false**, **true**, **false**, **false**, **false**));

over.setTextMatrix(52, 630);

over.showText("GSTIN : " + dataFunc.getCustomerData(customerName, **false**, **false**, **false**, **true**, **false**, **false**));

over.setTextMatrix(52, 615);

over.showText("STATE CODE : " + dataFunc.getCustomerData(customerName, **false**, **false**, **false**, **false**, **true**, **false**));

over.setTextMatrix(52, 600);

over.showText("PHONE : " + dataFunc.getCustomerData(customerName, **false**, **false**, **false**, **false**, **false**, **true**));

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

over.setTextMatrix(465, 707);

over.showText(invoiceNumber.getText());

over.setTextMatrix(465, (**float**) 692.5);

over.showText(**new** SimpleDateFormat("dd/MM/yyyy").format(invoiceDate.getDate()));

**if** (igst.isSelected()) {

over.setTextMatrix(465, (**float**) 617.5);

over.showText(transport.getText().toUpperCase());

over.setTextMatrix(465, (**float**) 602.5);

over.showText(place.getText().toUpperCase());

over.setTextMatrix(465, (**float**) 587.5);

over.showText(mode.getText().toUpperCase());

}

**for** (**int** i = 0, j = 550; i < addCount; i++, j -= 18) {

over.setTextMatrix(39, j);

over.showText(String.valueOf(i + 1)); // S.NO

over.setTextMatrix(65, j);

over.showText(baleNumber.getText().toUpperCase()); // BALE NUMBER

over.setTextMatrix(119, j);

over.showText(qua[i] + " " + prod[i]); // QUALITY & PRODUCT

over.setTextMatrix(310, j);

over.showText(hsn.getText()); // HSN

over.setTextMatrix(360, j);

over.showText(pcs[i]); // PIECES

over.setTextMatrix(410, j);

over.showText(mtr[i]); // METERS

over.setTextMatrix(462, j);

over.showText(rate[i]); // RATE

over.setTextMatrix(507, j);

over.showText(df.format(Double.valueOf(amnt[i]))); // AMOUNT

}

over.setTextMatrix(358, 188);

over.showText(String.valueOf(ddf.format(totalPcs))); // TOTAL PIECES

over.setTextMatrix(408, 188);

over.showText(String.valueOf(totalMtr)); // TOTAL METERS

over.setTextMatrix(503, 188);

over.showText(String.valueOf(df.format(total))); // GROSS TOTAL

**if** (!noTax.isSelected()) {

over.setTextMatrix(503, 146);

over.showText(String.valueOf(df.format(total))); // GROSS TOTAL

**try** {

dataFunc.updateInvoiceNumber(Integer.parseInt(invoiceNumber.getText()));

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

} **else** {

netAmount = total;

**try** {

dataFunc.updateInvoiceNumberTaxless(Integer.parseInt(invoiceNumber.getText()));

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

**if** (cgst\_sgst.isSelected()) {

cgstAmount = (Double) (2.5 \* total) / 100;

sgstAmount = (Double) (2.5 \* total) / 100;

over.setTextMatrix(509, 129);

over.showText(df.format(cgstAmount)); // CGST

over.setTextMatrix(509, (**float**) 112.25);

over.showText(df.format(sgstAmount)); // SGST

netAmount = total + cgstAmount + sgstAmount;

}

**if** (igst.isSelected()) {

igstAmount = (Double) (5 \* total) / 100;

over.setTextMatrix(509, 129);

over.showText(df.format(igstAmount)); // IGST

netAmount = total + igstAmount;

}

over.setFontAndSize(bfBold, 11);

over.setTextMatrix(503, 89);

over.showText(ddf.format(netAmount) + ".00"); // NET TOTAL

over.setFontAndSize(bf, 11);

over.setTextMatrix(77, (**float**) 169.5);

over.showText(**new** NumbersToWords().conversion(ddf.format(netAmount))); // AMOUNT IN WORDS

over.endText();

stamper.close();

**try** {

// inserting sales details in payments list

dataFunc.insertPaymentDetails(

customerName,

**new** SimpleDateFormat("dd/MM/yyyy").format(invoiceDate.getDate()),

invoiceNumber.getText(),

"Sales Bill",

"Sales",

netAmount.toString(),

"0");

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

JOptionPane.showMessageDialog(**null**, "Bill Saved");

}

}

} **catch** (DocumentException | IOException ex) {

// don't do anything

}

}//GEN-LAST:event\_saveAsPDFMouseClicked

**private** **void** closeButtonMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeButtonMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

}

}

}//GEN-LAST:event\_closeButtonMouseClicked

**private** **void** seeInvoiceNumberMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_seeInvoiceNumberMouseClicked

**try** {

// **TODO** add your handling code here:

dataFunc = **new** DatabaseFunctions();

JOptionPane.showMessageDialog(**this**, "Last Invoice Number (TAX) : " + dataFunc.findInvoiceNumber() + "\nLast Invoice Number (TAXLESS) : " + dataFunc.findInvoiceNumberTaxless(), "INVOICE NUMBER", JOptionPane.INFORMATION\_MESSAGE);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}//GEN-LAST:event\_seeInvoiceNumberMouseClicked

**private** **void** searchButtonMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_searchButtonMouseClicked

// **TODO** add your handling code here:

**try** {

dataFunc = **new** DatabaseFunctions();

ArrayList<String> al = dataFunc.findCustomersWithSearchLetters(searchText.getText().toUpperCase());

String[] strs = **new** String[al.size() + 1];

strs[0] = "NONE";

**int** i = 1;

**for** (String s : al) {

strs[i] = s;

i++;

}

customerDetails.setModel(**new** DefaultComboBoxModel(strs));

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}//GEN-LAST:event\_searchButtonMouseClicked

/\*\*

\* **@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 | InstantiationException | IllegalAccessException | javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(() -> {

**new** Bill().setVisible(**true**);

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JButton add;

**private** javax.swing.JTextField amountPerPiece;

**private** javax.swing.JTextField baleNumber;

**private** javax.swing.JLabel billWindow;

**private** javax.swing.JRadioButton cgst\_sgst;

**private** javax.swing.JButton clear;

**private** javax.swing.JLabel closeButton;

**private** javax.swing.JComboBox<String> customerDetails;

**private** javax.swing.JTextField hsn;

**private** javax.swing.JRadioButton igst;

**private** org.jdesktop.swingx.JXDatePicker invoiceDate;

**private** javax.swing.JTextField invoiceNumber;

**private** javax.swing.JLabel jLabel1;

**private** javax.swing.JLabel jLabel11;

**private** javax.swing.JLabel jLabel12;

**private** javax.swing.JLabel jLabel13;

**private** javax.swing.JLabel jLabel14;

**private** javax.swing.JLabel jLabel16;

**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;

**public** javax.swing.JPanel jPanel1;

**private** javax.swing.JScrollPane jScrollPane1;

**private** javax.swing.JLabel l;

**private** javax.swing.JTextField metres;

**private** javax.swing.JTextField mode;

**private** javax.swing.JRadioButton noTax;

**private** javax.swing.JTextField pieces;

**private** javax.swing.JTextField place;

**private** javax.swing.JTextField product;

**private** javax.swing.JTextField quality;

**private** javax.swing.JLabel saveAsPDF;

**private** javax.swing.JLabel searchButton;

**private** javax.swing.JTextField searchText;

**private** javax.swing.JLabel seeInvoiceNumber;

**private** javax.swing.JTable table;

**private** javax.swing.JTextField transport;

// End of variables declaration//GEN-END:variables

}

**Developer.java**

**package** ambaltextiles;

**import** java.sql.SQLException;

**import** javax.swing.JOptionPane;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** Developer **extends** javax.swing.JFrame {

/\*\*

\* Creates new form Developer

\*/

**public** Developer() {

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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

jLabel3 = **new** javax.swing.JLabel();

jLabel4 = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

jLabel5 = **new** javax.swing.JLabel();

jLabel6 = **new** javax.swing.JLabel();

jLabel8 = **new** javax.swing.JLabel();

jLabel7 = **new** javax.swing.JLabel();

jLabel9 = **new** javax.swing.JLabel();

close = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, **new** java.awt.Color(255, 255, 255)));

jPanel1.setPreferredSize(**new** java.awt.Dimension(740, 330));

jLabel1.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/sri.png"))); // NOI18N

jLabel1.setToolTipText("Sridhar T");

jLabel1.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, **new** java.awt.Color(255, 255, 255)));

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 18)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("Sridhar T");

jLabel4.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 17)); // NOI18N

jLabel4.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel4.setText("<html><body>This is <b>Sridhar Thangavel</b>.<br>He is an Android Developer, Web Developer &<br>Java Developer. He is eager to develop this<br>Application. This application presented to<br>R Senthil Kumar who is his uncle. In his point of<br>view, the application is our software assistant<br>which used to reduce our work.</body></html>");

jLabel2.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/git.png"))); // NOI18N

jLabel5.setBackground(**new** java.awt.Color(47, 93, 129));

jLabel5.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 14)); // NOI18N

jLabel5.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel5.setText("https://github.com/Srigadgeter/");

jLabel5.setToolTipText("Github Account Link");

jLabel6.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/mail.png"))); // NOI18N

jLabel8.setBackground(**new** java.awt.Color(47, 93, 129));

jLabel8.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 14)); // NOI18N

jLabel8.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel8.setText("srigadgets1997@gmail.com");

jLabel8.setToolTipText("Mail Id");

jLabel7.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/phone.png"))); // NOI18N

jLabel9.setBackground(**new** java.awt.Color(47, 93, 129));

jLabel9.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 14)); // NOI18N

jLabel9.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel9.setText("9698951562");

jLabel9.setToolTipText("Mobile Number");

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.setToolTipText("Close");

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(29, 29, 29)

.addComponent(jLabel1))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(83, 83, 83)

.addComponent(jLabel3)))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(57, 57, 57)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel7))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jLabel5)

.addComponent(jLabel8))

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

.addComponent(jLabel6))

.addComponent(jLabel9))))

.addContainerGap(41, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

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

.addComponent(close)

.addContainerGap())))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(close)

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

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(jLabel2))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(21, 21, 21)

.addComponent(jLabel5)))

.addGap(8, 8, 8)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel8)

.addGap(18, 18, 18)

.addComponent(jLabel9)

.addGap(11, 11, 11))

.addComponent(jLabel7)))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(46, 46, 46)

.addComponent(jLabel6)))

.addContainerGap(23, Short.MAX\_VALUE))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jLabel3)

.addGap(20, 20, 20))))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 750, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 350, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(750, 350));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

Home home;

**try** {

home = **new** Home();

home.setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

}

}//GEN-LAST:event\_closeMouseClicked

/\*\*

\* **@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(Developer.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Developer.**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** Developer().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JLabel close;

**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.JPanel jPanel1;

// End of variables declaration//GEN-END:variables

}

**Home.java**

**package** ambaltextiles;

**import** ambaltextiles.databaseWorks.DatabaseFunctions;

**import** java.sql.SQLException;

**import** javax.swing.JOptionPane;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** Home **extends** javax.swing.JFrame {

DatabaseFunctions df;

/\*\*

\* Creates new form Home

\*

\* **@throws** java.sql.SQLException

\* **@throws** java.lang.ClassNotFoundException

\*/

**public** Home() **throws** SQLException, ClassNotFoundException {

initComponents();

df = **new** DatabaseFunctions();

df.createCustomersListTable();

df.createPaymentsListTable();

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

changePassword = **new** javax.swing.JLabel();

placeBill = **new** javax.swing.JLabel();

payments = **new** javax.swing.JLabel();

ownerInfo = **new** javax.swing.JLabel();

developerInfo = **new** javax.swing.JLabel();

about = **new** javax.swing.JLabel();

close = **new** javax.swing.JLabel();

addCustomer = **new** javax.swing.JLabel();

monthlySales = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(255, 255, 255));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, **new** java.awt.Color(47, 93, 129)));

jPanel1.setForeground(**new** java.awt.Color(47, 93, 129));

jLabel1.setBackground(**new** java.awt.Color(255, 255, 255));

jLabel1.setForeground(**new** java.awt.Color(47, 93, 129));

jLabel1.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/ambal textiles.png"))); // NOI18N

changePassword.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

changePassword.setForeground(**new** java.awt.Color(224, 153, 94));

changePassword.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/keychange.png"))); // NOI18N

changePassword.setText("CHANGE PASSWORD");

changePassword.setToolTipText("Change Password");

changePassword.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

changePasswordMouseClicked(evt);

}

});

placeBill.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

placeBill.setForeground(**new** java.awt.Color(96, 99, 99));

placeBill.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/placebill.png"))); // NOI18N

placeBill.setText("PLACE BILL");

placeBill.setToolTipText("Place Bill");

placeBill.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

placeBillMouseClicked(evt);

}

});

payments.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

payments.setForeground(**new** java.awt.Color(16, 175, 147));

payments.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/balance.png"))); // NOI18N

payments.setText("PAYMENTS");

payments.setToolTipText("Payments");

payments.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

paymentsMouseClicked(evt);

}

});

ownerInfo.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

ownerInfo.setForeground(**new** java.awt.Color(250, 188, 61));

ownerInfo.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/owner.png"))); // NOI18N

ownerInfo.setText("OWNER INFO");

ownerInfo.setToolTipText("Owner Info");

ownerInfo.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

ownerInfoMouseClicked(evt);

}

});

developerInfo.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

developerInfo.setForeground(**new** java.awt.Color(179, 179, 179));

developerInfo.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/dev.png"))); // NOI18N

developerInfo.setText("DEVELOPER INFO");

developerInfo.setToolTipText("Developer Info");

developerInfo.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

developerInfoMouseClicked(evt);

}

});

about.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

about.setForeground(**new** java.awt.Color(47, 93, 129));

about.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/about.png"))); // NOI18N

about.setText("ABOUT ");

about.setToolTipText("About this Application");

about.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

aboutMouseClicked(evt);

}

});

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.setToolTipText("Close");

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

addCustomer.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/addcustomer.png"))); // NOI18N

addCustomer.setToolTipText("Add Customer");

addCustomer.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

addCustomerMouseClicked(evt);

}

});

monthlySales.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/calendar.png"))); // NOI18N

monthlySales.setToolTipText("Monthly Sales View");

monthlySales.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

monthlySalesMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(45, 45, 45)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(placeBill)

.addComponent(ownerInfo))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 94, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(payments)

.addComponent(developerInfo))

.addGap(91, 91, 91)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(changePassword)

.addComponent(about))

.addGap(23, 23, 23))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 602, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(close, javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(addCustomer, javax.swing.GroupLayout.Alignment.TRAILING))

.addContainerGap())))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

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

.addComponent(monthlySales)

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(close)

.addGap(18, 18, 18)

.addComponent(addCustomer)))

.addGap(18, 18, 18)

.addComponent(monthlySales)

.addGap(30, 30, 30)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(changePassword)

.addComponent(payments)

.addComponent(placeBill))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 58, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(ownerInfo)

.addComponent(developerInfo)

.addComponent(about))

.addGap(69, 69, 69))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(760, 440));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** changePasswordMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_changePasswordMouseClicked

// **TODO** add your handling code here:

setVisible(**false**);

**new** PasswordChangingWindow().setVisible(**true**);

}//GEN-LAST:event\_changePasswordMouseClicked

**private** **void** placeBillMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_placeBillMouseClicked

// **TODO** add your handling code here:

Bill bill = **new** Bill();

bill.setVisible(**true**);

}//GEN-LAST:event\_placeBillMouseClicked

**private** **void** paymentsMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_paymentsMouseClicked

// **TODO** add your handling code here:

Payments pay = **new** Payments();

pay.setVisible(**true**);

}//GEN-LAST:event\_paymentsMouseClicked

**private** **void** ownerInfoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_ownerInfoMouseClicked

// **TODO** add your handling code here:

Owner own = **new** Owner();

own.setVisible(**true**);

setVisible(**false**);

}//GEN-LAST:event\_ownerInfoMouseClicked

**private** **void** developerInfoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_developerInfoMouseClicked

// **TODO** add your handling code here:

Developer develop = **new** Developer();

develop.setVisible(**true**);

setVisible(**false**);

}//GEN-LAST:event\_developerInfoMouseClicked

**private** **void** aboutMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_aboutMouseClicked

// **TODO** add your handling code here:

About about = **new** About();

about.setVisible(**true**);

setVisible(**false**);

}//GEN-LAST:event\_aboutMouseClicked

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

System.exit(0); // To close the entire operation

}

}

}//GEN-LAST:event\_closeMouseClicked

**private** **void** addCustomerMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_addCustomerMouseClicked

// **TODO** add your handling code here:

AddCustomer ac = **new** AddCustomer();

ac.setVisible(**true**);

setVisible(**false**);

}//GEN-LAST:event\_addCustomerMouseClicked

**private** **void** monthlySalesMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_monthlySalesMouseClicked

// **TODO** add your handling code here:

MonthlySales month = **new** MonthlySales();

month.setVisible(**true**);

}//GEN-LAST:event\_monthlySalesMouseClicked

/\*\*

\* **@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() {

@Override

**public** **void** run() {

**try** {

**new** Home().setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JLabel about;

**private** javax.swing.JLabel addCustomer;

**private** javax.swing.JLabel changePassword;

**private** javax.swing.JLabel close;

**private** javax.swing.JLabel developerInfo;

**private** javax.swing.JLabel jLabel1;

**public** javax.swing.JPanel jPanel1;

**private** javax.swing.JLabel monthlySales;

**private** javax.swing.JLabel ownerInfo;

**private** javax.swing.JLabel payments;

**private** javax.swing.JLabel placeBill;

// End of variables declaration//GEN-END:variables

}

**Login.java**

**package** ambaltextiles;

**import** ambaltextiles.databaseWorks.DatabaseFunctions;

**import** java.sql.SQLException;

**import** javax.swing.JOptionPane;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** Login **extends** javax.swing.JFrame {

DatabaseFunctions df;

**private** String pass;

**private** String key;

/\*\*

\* Creates new form Login

\*

\* **@throws** java.sql.SQLException

\* **@throws** java.lang.ClassNotFoundException

\*/

**public** Login() **throws** SQLException, ClassNotFoundException {

initComponents();

df = **new** DatabaseFunctions();

df.createBillKeyTable();

setKey(df.currentPassword());

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

login = **new** javax.swing.JButton();

passkey = **new** javax.swing.JPasswordField();

close = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, **new** java.awt.Color(255, 255, 255)));

jPanel1.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel1.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/loginText.png"))); // NOI18N

jLabel2.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/key.png"))); // NOI18N

login.setBackground(**new** java.awt.Color(255, 255, 255));

login.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

login.setText("LOGIN");

login.setToolTipText("Login");

login.addActionListener(**new** java.awt.event.ActionListener() {

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

loginActionPerformed(evt);

}

});

passkey.setBackground(**new** java.awt.Color(47, 93, 129));

passkey.setFont(**new** java.awt.Font("Supercell-Magic", 1, 18)); // NOI18N

passkey.setForeground(**new** java.awt.Color(255, 255, 255));

passkey.setToolTipText("Enter a Password");

passkey.setBorder(javax.swing.BorderFactory.createMatteBorder(0, 0, 2, 0, **new** java.awt.Color(255, 255, 255)));

passkey.setName(""); // NOI18N

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(238, 238, 238)

.addComponent(jLabel2)

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

.addComponent(passkey, javax.swing.GroupLayout.PREFERRED\_SIZE, 200, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(300, 300, 300)

.addComponent(jLabel1)))

.addContainerGap(258, Short.MAX\_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addComponent(close)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addComponent(login)

.addGap(329, 329, 329))))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(close)

.addGap(5, 5, 5)

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 82, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, **false**)

.addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(passkey))

.addGap(98, 98, 98)

.addComponent(login, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(39, 39, 39))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

pack();

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** loginActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_loginActionPerformed

pass = **new** String(passkey.getPassword());

**if** (pass.equals(key)) {

Home home;

**try** {

home = **new** Home();

home.setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

setVisible(**false**);

} **else** {

passkey.setText("");

JOptionPane.showMessageDialog(**this**, "Enter a valid Password !", "Error Message", JOptionPane.ERROR\_MESSAGE);

}

}//GEN-LAST:event\_loginActionPerformed

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

System.exit(0); // To close the entire operation

}

}

}//GEN-LAST:event\_closeMouseClicked

**public** String getKey() {

**return** key;

}

**public** **void** setKey(String key) {

**this**.key = key;

}

/\*\*

\* **@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() {

@Override

**public** **void** run() {

**try** {

**new** Login().setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JLabel close;

**private** javax.swing.JLabel jLabel1;

**private** javax.swing.JLabel jLabel2;

**public** javax.swing.JPanel jPanel1;

**public** javax.swing.JButton login;

**private** javax.swing.JPasswordField passkey;

// End of variables declaration//GEN-END:variables

}

**MonthlySales.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** ambaltextiles;

**import** ambaltextiles.databaseWorks.DatabaseFunctions;

**import** java.text.MessageFormat;

**import** javax.swing.JOptionPane;

**import** javax.swing.JTable;

**import** java.awt.print.PrinterException;

**import** java.sql.SQLException;

**import** java.util.ArrayList;

**import** javax.swing.SwingConstants;

**import** javax.swing.table.DefaultTableCellRenderer;

**import** javax.swing.table.DefaultTableModel;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** MonthlySales **extends** javax.swing.JFrame {

DatabaseFunctions df;

DefaultTableModel dm;

DefaultTableCellRenderer centerRenderer;

String[] head;

**private** String name, dt, inum, part, vtype, deb;

/\*\*

\* Creates new form MonthlyPayments

\*/

**public** MonthlySales() {

dm = **new** DefaultTableModel(0, 0);

initComponents();

head = **new** String[]{"DATE", "NAME", "INVOICE NUMBER", "PARTICULARS", "VOUCHER TYPE", "DEBIT"}; // declare header fields

dm.setColumnIdentifiers(head);

datewisePaymentsTable.getColumnModel().getColumn(0).setPreferredWidth(120);

datewisePaymentsTable.getColumnModel().getColumn(1).setPreferredWidth(410);

datewisePaymentsTable.getColumnModel().getColumn(2).setPreferredWidth(140);

datewisePaymentsTable.getColumnModel().getColumn(3).setPreferredWidth(140);

datewisePaymentsTable.getColumnModel().getColumn(4).setPreferredWidth(120);

datewisePaymentsTable.getColumnModel().getColumn(5).setPreferredWidth(140);

// formatting data in cells as center

centerRenderer = **new** DefaultTableCellRenderer(); // instance of the DefaultTableCellRenderer

centerRenderer.setHorizontalAlignment(SwingConstants.CENTER); // formatting cell element as center for horizontalAlignment

// applying the above format to all cells in table

datewisePaymentsTable.getColumnModel().getColumn(0).setCellRenderer(centerRenderer);

datewisePaymentsTable.getColumnModel().getColumn(1).setCellRenderer(centerRenderer);

datewisePaymentsTable.getColumnModel().getColumn(2).setCellRenderer(centerRenderer);

datewisePaymentsTable.getColumnModel().getColumn(3).setCellRenderer(centerRenderer);

datewisePaymentsTable.getColumnModel().getColumn(4).setCellRenderer(centerRenderer);

datewisePaymentsTable.getColumnModel().getColumn(5).setCellRenderer(centerRenderer);

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

close = **new** javax.swing.JLabel();

jLabel1 = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

jLabel3 = **new** javax.swing.JLabel();

fromDate = **new** javax.swing.JTextField();

toDate = **new** javax.swing.JTextField();

jScrollPane1 = **new** javax.swing.JScrollPane();

datewisePaymentsTable = **new** javax.swing.JTable();

viewByDates = **new** javax.swing.JButton();

save = **new** javax.swing.JLabel();

dateFormat = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, **new** java.awt.Color(255, 255, 255)));

jPanel1.setForeground(**new** java.awt.Color(47, 93, 129));

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.setToolTipText("Close");

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

jLabel1.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

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

jLabel1.setText("MONTHLY SALES WINDOW");

jLabel2.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel2.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel2.setText("FROM DATE");

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("TO DATE");

fromDate.setToolTipText("From Date");

toDate.setToolTipText("To Date");

datewisePaymentsTable.setModel(dm);

datewisePaymentsTable.setToolTipText("Datewise Sales Table");

jScrollPane1.setViewportView(datewisePaymentsTable);

viewByDates.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

viewByDates.setText("VIEW");

viewByDates.setToolTipText("View List Button");

viewByDates.addActionListener(**new** java.awt.event.ActionListener() {

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

viewByDatesActionPerformed(evt);

}

});

save.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

save.setForeground(**new** java.awt.Color(255, 255, 255));

save.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/file.png"))); // NOI18N

save.setText("Save");

save.setToolTipText("Save as File");

save.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

saveMouseClicked(evt);

}

});

dateFormat.setForeground(**new** java.awt.Color(255, 255, 255));

dateFormat.setText("DATE FORMAT : dd/mm/yyyy");

dateFormat.setToolTipText("Date Format");

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jScrollPane1)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel1)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(18, 18, 18)

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

.addGap(18, 18, 18)

.addComponent(jLabel3)

.addGap(18, 18, 18)

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

.addGap(35, 35, 35)

.addComponent(viewByDates)

.addGap(29, 29, 29)

.addComponent(dateFormat)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 116, Short.MAX\_VALUE)

.addComponent(save, javax.swing.GroupLayout.PREFERRED\_SIZE, 110, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(74, 74, 74)))

.addComponent(close)))

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel1)

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel3)

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

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

.addComponent(viewByDates)

.addComponent(save)

.addComponent(dateFormat)))

.addComponent(close))

.addGap(18, 18, 18)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 430, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(16, Short.MAX\_VALUE))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(1100, 556));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

}

}

}//GEN-LAST:event\_closeMouseClicked

**private** **void** viewByDatesActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_viewByDatesActionPerformed

// **TODO** add your handling code here:

datasRecovery();

}//GEN-LAST:event\_viewByDatesActionPerformed

**private** **void** saveMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_saveMouseClicked

// **TODO** add your handling code here:

MessageFormat header = **new** MessageFormat("AMBAL TEXTILES SALES TABLE");

MessageFormat footer = **new** MessageFormat("DATEWISE PAYMENTS VIEW FROM " + fromDate.getText() + " TO " + toDate.getText());

**try** {

datewisePaymentsTable.print(JTable.PrintMode.FIT\_WIDTH, header, footer);

} **catch** (PrinterException e) {

System.err.format("can't print %s%n", e.getMessage());

}

}//GEN-LAST:event\_saveMouseClicked

**private** **void** datasRecovery() {

**try** {

df = **new** DatabaseFunctions();

**while** (dm.getRowCount() > 0) {

dm.removeRow(0);

}

**if** (!fromDate.getText().equals("") && !toDate.getText().equals("")) {

ArrayList<MonthlySales> m;

m = df.findPaymentsByDates(fromDate.getText(), toDate.getText());

m.forEach((month) -> {

dm.addRow(**new** Object[]{

month.getDt(),

month.getName(),

month.getInum(),

month.getPart(),

month.getVtype(),

month.getDeb()

});

});

}

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getDt() {

**return** dt;

}

**public** **void** setDt(String dt) {

**this**.dt = dt;

}

**public** String getInum() {

**return** inum;

}

**public** **void** setInum(String inum) {

**this**.inum = inum;

}

**public** String getPart() {

**return** part;

}

**public** **void** setPart(String part) {

**this**.part = part;

}

**public** String getVtype() {

**return** vtype;

}

**public** **void** setVtype(String vtype) {

**this**.vtype = vtype;

}

**public** String getDeb() {

**return** deb;

}

**public** **void** setDeb(String deb) {

**this**.deb = deb;

}

/\*\*

\* **@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(MonthlySales.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

//</editor-fold>

/\* Create and display the form \*/

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

**public** **void** run() {

**new** MonthlySales().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JLabel close;

**private** javax.swing.JLabel dateFormat;

**private** javax.swing.JTable datewisePaymentsTable;

**private** javax.swing.JTextField fromDate;

**private** javax.swing.JLabel jLabel1;

**private** javax.swing.JLabel jLabel2;

**private** javax.swing.JLabel jLabel3;

**private** javax.swing.JPanel jPanel1;

**private** javax.swing.JScrollPane jScrollPane1;

**private** javax.swing.JLabel save;

**private** javax.swing.JTextField toDate;

**private** javax.swing.JButton viewByDates;

// End of variables declaration//GEN-END:variables

}

**NumbersToWords.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** ambaltextiles;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** NumbersToWords {

**public** String conversion(String amount) {

StringBuffer sb = **new** StringBuffer(amount);

String rev = sb.reverse().toString();

**char**[] c = rev.toCharArray();

String rs, ones = "", tens = "", hunds = "", thous = "", tenThous = "",

lakhs = "", tenLakhs = "", crores = "", tenCrores = "";

**if** (Integer.parseInt(amount) == 0) {

rs = "ZERO ONLY";

} **else** {

**for** (**int** i = 0; i < amount.length(); i++) {

**if** (i == 8) {

**if** (c[i] == '1') {

tenCrores = teens(c[i - 1]);

crores = " CRORES";

} **else** {

tenCrores = num(c[i]);

}

**if** (c[i - 1] == '0' && c[i] > '1') {

crores = " CRORES";

}

}

**if** (i == 7) {

crores = numbers(c[i]);

**if** (c[i] == '1') {

crores += " CRORE";

}

**if** (c[i] >= '2' && c[i] <= '9') {

crores += " CRORES";

}

}

**if** (i == 6) {

**if** (c[i] == '1') {

tenLakhs = teens(c[i - 1]);

lakhs = " LAKHS";

} **else** {

tenLakhs = num(c[i]);

}

**if** (c[i - 1] == '0' && c[i] > '1') {

lakhs = " LAKHS";

}

}

**if** (i == 5) {

lakhs = numbers(c[i]);

**if** (c[i] == '1') {

lakhs += " LAKH";

}

**if** (c[i] >= '2' && c[i] <= '9') {

lakhs += " LAKHS";

}

}

**if** (i == 4) {

**if** (c[i] == '1') {

tenThous = teens(c[i - 1]);

thous = " THOUSANDS";

} **else** {

tenThous = num(c[i]);

}

**if** (c[i - 1] == '0' && c[i] > '1') {

thous = " THOUSANDS";

}

}

**if** (i == 3) {

thous = numbers(c[i]);

**if** (c[i] == '1') {

thous += " THOUSAND";

}

**if** (c[i] >= '2' && c[i] <= '9') {

thous += " THOUSANDS";

}

}

**if** (i == 2) {

hunds = numbers(c[i]);

**if** (c[i] == '1') {

hunds += " HUNDRED";

}

**if** (c[i] >= '2' && c[i] <= '9') {

hunds += " HUNDREDS";

}

}

**if** (i == 1) {

**if** (c[i] == '1') {

tens = teens(c[i - 1]);

ones = " ONLY";

} **else** {

tens = num(c[i]);

}

}

**if** (i == 0) {

ones = numbers(c[i]) + " ONLY";

}

}

rs = tenCrores + crores + " " + tenLakhs + lakhs + " " + tenThous + thous + " " + hunds + " " + tens + ones;

rs = rs.trim();

rs = rs.replaceAll("\\s+", " ");

}

**return** rs;

}

**private** String numbers(**char** cc) {

**if** (cc == '9') {

**return** "NINE";

}

**if** (cc == '8') {

**return** "EIGHT";

}

**if** (cc == '7') {

**return** "SEVEN";

}

**if** (cc == '6') {

**return** "SIX";

}

**if** (cc == '5') {

**return** "FIVE";

}

**if** (cc == '4') {

**return** "FOUR";

}

**if** (cc == '3') {

**return** "THREE";

}

**if** (cc == '2') {

**return** "TWO";

}

**if** (cc == '1') {

**return** "ONE";

}

**return** "";

}

**private** String num(**char** cc) {

**if** (cc == '9') {

**return** "NINTY";

}

**if** (cc == '8') {

**return** "EIGHTY";

}

**if** (cc == '7') {

**return** "SEVENTY";

}

**if** (cc == '6') {

**return** "SIXTY";

}

**if** (cc == '5') {

**return** "FIFTY";

}

**if** (cc == '4') {

**return** "FORTY";

}

**if** (cc == '3') {

**return** "THIRTY";

}

**if** (cc == '2') {

**return** "TWENTY";

}

**return** "";

}

**private** String teens(**char** cc) {

**if** (cc == '9') {

**return** "NINETEEN";

}

**if** (cc == '8') {

**return** "EIGHTEEN";

}

**if** (cc == '7') {

**return** "SEVENTEEN";

}

**if** (cc == '6') {

**return** "SIXTEEN";

}

**if** (cc == '5') {

**return** "FIFTEEN";

}

**if** (cc == '4') {

**return** "FOURTEEN";

}

**if** (cc == '3') {

**return** "THIRTEEN";

}

**if** (cc == '2') {

**return** "TWELVE";

}

**if** (cc == '1') {

**return** "ELEVEN";

}

**if** (cc == '0') {

**return** "TEN";

}

**return** "";

}

}

**Owner.java**

**package** ambaltextiles;

**import** java.sql.SQLException;

**import** javax.swing.JOptionPane;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** Owner **extends** javax.swing.JFrame {

/\*\*

\* Creates new form Owner

\*/

**public** Owner() {

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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

jLabel3 = **new** javax.swing.JLabel();

jLabel4 = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

jLabel5 = **new** javax.swing.JLabel();

jLabel6 = **new** javax.swing.JLabel();

jLabel7 = **new** javax.swing.JLabel();

close = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, **new** java.awt.Color(255, 255, 255)));

jLabel1.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/rsk.png"))); // NOI18N

jLabel1.setToolTipText("R Senthil Kumar");

jLabel1.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, **new** java.awt.Color(255, 255, 255)));

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 18)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("R Senthil Kumar");

jLabel4.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 17)); // NOI18N

jLabel4.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel4.setText("<html><body>This is <b>Senthil Kumar Rangasamy</b>.<br>He is the owner of the shop.<br>He is selling different variety of products.<br>The products are Collar, Cuff and Roll.<br>He has his shop in the following address:</body></html>");

jLabel2.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/address.png"))); // NOI18N

jLabel5.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 14)); // NOI18N

jLabel5.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel5.setText("<html><body>Ambal Textiles<br>No. 80, Indira Street,<br>Anaikattu Road 4th Cross,<br>Surampatti valasu,<br>Erode - 638009</body></html>");

jLabel5.setToolTipText("Address");

jLabel6.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/phone.png"))); // NOI18N

jLabel7.setFont(**new** java.awt.Font("Eras Demi ITC", 0, 14)); // NOI18N

jLabel7.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel7.setText("9442511213");

jLabel7.setToolTipText("Mobile Number");

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.setToolTipText("Close");

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(38, 38, 38)

.addComponent(jLabel1))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(65, 65, 65)

.addComponent(jLabel3)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 56, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addComponent(close)

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel6))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel7))))

.addGap(32, 32, 32))))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(close)

.addGap(9, 9, 9)

.addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(9, 9, 9)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(3, 3, 3)

.addComponent(jLabel6))

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(jLabel7)

.addGap(12, 12, 12))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addGap(14, 14, 14)

.addComponent(jLabel1)

.addGap(28, 28, 28)

.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addContainerGap(32, Short.MAX\_VALUE))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(730, 340));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

Home home;

**try** {

home = **new** Home();

home.setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

}

}//GEN-LAST:event\_closeMouseClicked

/\*\*

\* **@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(Owner.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Owner.**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** Owner().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JLabel close;

**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.JPanel jPanel1;

// End of variables declaration//GEN-END:variables

}

**PasswordChangingWindow.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** ambaltextiles;

**import** ambaltextiles.databaseWorks.DatabaseFunctions;

**import** java.sql.SQLException;

**import** javax.swing.JOptionPane;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** PasswordChangingWindow **extends** javax.swing.JFrame {

Home home;

DatabaseFunctions df;

Login l;

/\*\*

\* Creates new form PasswordChangingWindow

\*/

**public** PasswordChangingWindow() {

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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

jLabel3 = **new** javax.swing.JLabel();

jLabel4 = **new** javax.swing.JLabel();

currentPassword = **new** javax.swing.JTextField();

newPassword = **new** javax.swing.JTextField();

confirmPassword = **new** javax.swing.JTextField();

savePassword = **new** javax.swing.JButton();

close = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, **new** java.awt.Color(255, 255, 255)));

jPanel1.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel1.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

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

jLabel1.setText("Change Password");

jLabel2.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel2.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel2.setText("Current Password");

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("New Password");

jLabel4.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel4.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel4.setText("Confirm Password");

currentPassword.setToolTipText("Current Password");

newPassword.setToolTipText("New Password");

confirmPassword.setToolTipText("Confirm Password");

savePassword.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

savePassword.setText("Save");

savePassword.setToolTipText("Save Password");

savePassword.addActionListener(**new** java.awt.event.ActionListener() {

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

savePasswordActionPerformed(evt);

}

});

close.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

close.setToolTipText("Close");

close.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(110, 110, 110)

.addComponent(jLabel1)

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

.addComponent(close))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel2)

.addComponent(jLabel3)

.addComponent(jLabel4))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(confirmPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 140, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(newPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 140, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(currentPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 140, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(167, 167, 167)

.addComponent(savePassword)))

.addGap(0, 54, Short.MAX\_VALUE)))

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addComponent(close))

.addGap(45, 45, 45)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

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

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel3)

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

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 39, Short.MAX\_VALUE)

.addComponent(savePassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(34, 34, 34))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(400, 300));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** savePasswordActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_savePasswordActionPerformed

// **TODO** add your handling code here:

**try** {

l = **new** Login();

String current = currentPassword.getText(),

newPass = newPassword.getText(),

confirm = confirmPassword.getText();

**if** (current.equals(l.getKey())) {

**if** (newPass.equals(confirm)) {

df = **new** DatabaseFunctions();

df.updatePassword(newPass);

JOptionPane.showMessageDialog(**this**, "Password Updated", "Updation", JOptionPane.INFORMATION\_MESSAGE);

setVisible(**false**);

home = **new** Home();

home.setVisible(**true**);

} **else** {

JOptionPane.showMessageDialog(**this**, "You must enter correct confirm password", "Match Error", JOptionPane.ERROR\_MESSAGE);

}

} **else** {

JOptionPane.showMessageDialog(**this**, "You must enter correct current password", "Password Error", JOptionPane.ERROR\_MESSAGE);

}

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}//GEN-LAST:event\_savePasswordActionPerformed

**private** **void** closeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

**try** {

home = **new** Home();

home.setVisible(**true**);

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

}

}//GEN-LAST:event\_closeMouseClicked

/\*\*

\* **@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(PasswordChangingWindow.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

/\* Create and display the form \*/

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

@Override

**public** **void** run() {

**new** PasswordChangingWindow().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JLabel close;

**private** javax.swing.JTextField confirmPassword;

**private** javax.swing.JTextField currentPassword;

**private** javax.swing.JLabel jLabel1;

**private** javax.swing.JLabel jLabel2;

**private** javax.swing.JLabel jLabel3;

**private** javax.swing.JLabel jLabel4;

**private** javax.swing.JPanel jPanel1;

**private** javax.swing.JTextField newPassword;

**private** javax.swing.JButton savePassword;

// End of variables declaration//GEN-END:variables

}

**Payments.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** ambaltextiles;

**import** ambaltextiles.databaseWorks.DatabaseFunctions;

**import** java.awt.print.PrinterException;

**import** java.sql.SQLException;

**import** java.text.MessageFormat;

**import** java.text.SimpleDateFormat;

**import** java.util.ArrayList;

**import** javax.swing.DefaultComboBoxModel;

**import** javax.swing.JOptionPane;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTable;

**import** javax.swing.SwingConstants;

**import** javax.swing.table.DefaultTableCellRenderer;

**import** javax.swing.table.DefaultTableModel;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** Payments **extends** javax.swing.JFrame {

DatabaseFunctions df;

DefaultTableModel dm;

DefaultTableCellRenderer centerRenderer;

String[] head;

String customerName;

**private** String dt, inum, part, vtype, deb, cre, bal, dy;

Boolean flag = **false**, flag1 = **false**, flag2 = **false**, flag3 = **false**;

/\*\*

\* Creates new form Payments

\*/

**public** Payments() {

dm = **new** DefaultTableModel(0, 0);

initComponents();

head = **new** String[]{"DATE", "INVOICE NUMBER", "PARTICULARS", "VOUCHER TYPE", "DEBIT", "CREDIT", "BALANCE", "DAYS"}; // declare header fields

dm.setColumnIdentifiers(head);

paymentTable.getColumnModel().getColumn(0).setPreferredWidth(85);

paymentTable.getColumnModel().getColumn(1).setPreferredWidth(130);

paymentTable.getColumnModel().getColumn(2).setPreferredWidth(170);

paymentTable.getColumnModel().getColumn(3).setPreferredWidth(150);

paymentTable.getColumnModel().getColumn(4).setPreferredWidth(100);

paymentTable.getColumnModel().getColumn(5).setPreferredWidth(100);

paymentTable.getColumnModel().getColumn(6).setPreferredWidth(100);

paymentTable.getColumnModel().getColumn(7).setPreferredWidth(100);

// formatting data in cells as center

centerRenderer = **new** DefaultTableCellRenderer(); // instance of the DefaultTableCellRenderer

centerRenderer.setHorizontalAlignment(SwingConstants.CENTER); // formatting cell element as center for horizontalAlignment

// applying the above format to all cells in table

paymentTable.getColumnModel().getColumn(0).setCellRenderer(centerRenderer);

paymentTable.getColumnModel().getColumn(1).setCellRenderer(centerRenderer);

paymentTable.getColumnModel().getColumn(2).setCellRenderer(centerRenderer);

paymentTable.getColumnModel().getColumn(3).setCellRenderer(centerRenderer);

paymentTable.getColumnModel().getColumn(4).setCellRenderer(centerRenderer);

paymentTable.getColumnModel().getColumn(5).setCellRenderer(centerRenderer);

paymentTable.getColumnModel().getColumn(6).setCellRenderer(centerRenderer);

paymentTable.getColumnModel().getColumn(7).setCellRenderer(centerRenderer);

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

paymentPDF = **new** javax.swing.JLabel();

jScrollPane1 = **new** javax.swing.JScrollPane();

paymentTable = **new** javax.swing.JTable();

searchText = **new** javax.swing.JTextField();

closeButton = **new** javax.swing.JLabel();

searchButton = **new** javax.swing.JLabel();

searchResults = **new** javax.swing.JComboBox<>();

voucherType = **new** javax.swing.JComboBox<>();

jLabel7 = **new** javax.swing.JLabel();

bankAccountNumber = **new** javax.swing.JTextField();

jLabel8 = **new** javax.swing.JLabel();

rupees = **new** javax.swing.JTextField();

payAmount = **new** javax.swing.JButton();

paymentDate = **new** org.jdesktop.swingx.JXDatePicker();

jLabel9 = **new** javax.swing.JLabel();

jLabel10 = **new** javax.swing.JLabel();

jLabel11 = **new** javax.swing.JLabel();

viewList = **new** javax.swing.JButton();

dateFormat = **new** javax.swing.JLabel();

viewByDates = **new** javax.swing.JButton();

toDate = **new** javax.swing.JTextField();

jLabel3 = **new** javax.swing.JLabel();

fromDate = **new** javax.swing.JTextField();

jLabel2 = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(47, 93, 129));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(2, 2, 2, 2, **new** java.awt.Color(255, 255, 255)));

jPanel1.setForeground(**new** java.awt.Color(47, 93, 129));

jLabel1.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

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

jLabel1.setText("PAYMENTS WINDOW");

paymentPDF.setFont(**new** java.awt.Font("Supercell-Magic", 0, 14)); // NOI18N

paymentPDF.setForeground(**new** java.awt.Color(255, 255, 255));

paymentPDF.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/file.png"))); // NOI18N

paymentPDF.setText("Save");

paymentPDF.setToolTipText("Save as File");

paymentPDF.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

paymentPDFMouseClicked(evt);

}

});

paymentTable.setFont(**new** java.awt.Font("Consolas", 1, 12)); // NOI18N

paymentTable.setModel(dm);

paymentTable.setToolTipText("Payment Details Table");

paymentTable.setRowHeight(20);

jScrollPane1.setViewportView(paymentTable);

searchText.setToolTipText("Search Bar");

closeButton.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/close.png"))); // NOI18N

closeButton.setToolTipText("Close");

closeButton.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

closeButtonMouseClicked(evt);

}

});

searchButton.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/search.png"))); // NOI18N

searchButton.setToolTipText("Search Icon");

searchButton.addMouseListener(**new** java.awt.event.MouseAdapter() {

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

searchButtonMouseClicked(evt);

}

});

searchResults.setFont(**new** java.awt.Font("Consolas", 1, 12)); // NOI18N

searchResults.setToolTipText("Search Result Box");

voucherType.setFont(**new** java.awt.Font("Consolas", 1, 12)); // NOI18N

voucherType.setModel(**new** javax.swing.DefaultComboBoxModel<>(**new** String[] { "CASH", "CHEQUE", "TRANSACTION" }));

voucherType.setToolTipText("Voucher Type");

jLabel7.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

jLabel7.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel7.setText("BANK A/C NUMBER");

bankAccountNumber.setToolTipText("Bank Account Number");

jLabel8.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

jLabel8.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel8.setText("RUPEES");

rupees.setToolTipText("Payment ( In Rupees )");

payAmount.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

payAmount.setText("PAY");

payAmount.setToolTipText("Pay Button");

payAmount.addActionListener(**new** java.awt.event.ActionListener() {

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

payAmountActionPerformed(evt);

}

});

paymentDate.setToolTipText("Payment Date");

jLabel9.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

jLabel9.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel9.setText("PAYMENT DATE");

jLabel10.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

jLabel10.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel10.setText("voucher type");

jLabel11.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel11.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel11.setText("SEARCH BY NAME");

viewList.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

viewList.setText("VIEW");

viewList.addActionListener(**new** java.awt.event.ActionListener() {

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

viewListActionPerformed(evt);

}

});

dateFormat.setForeground(**new** java.awt.Color(255, 255, 255));

dateFormat.setText("DATE FORMAT : dd/mm/yyyy");

dateFormat.setToolTipText("Date Format");

viewByDates.setFont(**new** java.awt.Font("Supercell-Magic", 0, 10)); // NOI18N

viewByDates.setText("VIEW");

viewByDates.setToolTipText("View List Button");

viewByDates.addActionListener(**new** java.awt.event.ActionListener() {

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

viewByDatesActionPerformed(evt);

}

});

toDate.setToolTipText("To Date");

jLabel3.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel3.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel3.setText("TO DATE");

fromDate.setToolTipText("From Date");

jLabel2.setFont(**new** java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N

jLabel2.setForeground(**new** java.awt.Color(255, 255, 255));

jLabel2.setText("FROM DATE");

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel1)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(10, 10, 10)

.addComponent(jLabel11)

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

.addComponent(searchText, javax.swing.GroupLayout.PREFERRED\_SIZE, 160, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(searchButton)

.addGap(18, 18, 18)

.addComponent(searchResults, javax.swing.GroupLayout.PREFERRED\_SIZE, 400, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(viewList)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 65, Short.MAX\_VALUE)

.addComponent(closeButton))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(20, 20, 20)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, 955, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

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

.addComponent(jLabel9))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel10)

.addComponent(voucherType, javax.swing.GroupLayout.PREFERRED\_SIZE, 125, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel7)

.addComponent(bankAccountNumber, javax.swing.GroupLayout.PREFERRED\_SIZE, 151, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel8)

.addComponent(rupees, javax.swing.GroupLayout.PREFERRED\_SIZE, 151, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addComponent(payAmount)

.addGap(35, 35, 35)

.addComponent(paymentPDF, javax.swing.GroupLayout.PREFERRED\_SIZE, 110, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel2)

.addGap(18, 18, 18)

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

.addGap(18, 18, 18)

.addComponent(jLabel3)

.addGap(18, 18, 18)

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

.addGap(35, 35, 35)

.addComponent(viewByDates)

.addGap(29, 29, 29)

.addComponent(dateFormat)))

.addGap(0, 11, Short.MAX\_VALUE)))

.addContainerGap())

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, **false**)

.addComponent(closeButton)

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 8, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(searchResults, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(viewList, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addComponent(searchButton)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(searchText, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel11)))))

.addGap(9, 9, 9)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel2)

.addComponent(jLabel3)

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

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

.addComponent(viewByDates)

.addComponent(dateFormat))

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

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 394, Short.MAX\_VALUE)

.addGap(18, 18, 18)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(payAmount, javax.swing.GroupLayout.PREFERRED\_SIZE, 30, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(paymentPDF))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel8)

.addComponent(jLabel7))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, **false**)

.addComponent(bankAccountNumber)

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED\_SIZE, 16, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

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

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

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

.addComponent(jLabel10)

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

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

.addGap(20, 20, 20))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(1000, 600));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

**private** **void** closeButtonMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_closeButtonMouseClicked

// **TODO** add your handling code here:

**if** (isDisplayable()) {

**int** flag = JOptionPane.showConfirmDialog(**this**, "Do you want to close the window ?");

**if** (flag == JOptionPane.YES\_OPTION) {

dispose(); // To close this frame

}

}

}//GEN-LAST:event\_closeButtonMouseClicked

**private** **void** searchButtonMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_searchButtonMouseClicked

// **TODO** add your handling code here:

**try** {

df = **new** DatabaseFunctions();

ArrayList<String> al = df.findCustomersWithSearchLetters(searchText.getText().toUpperCase());

String[] strs = **new** String[al.size() + 1];

strs[0] = "NONE";

**int** i = 1;

**for** (String s : al) {

strs[i] = s;

i++;

}

searchResults.setModel(**new** DefaultComboBoxModel(strs));

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}//GEN-LAST:event\_searchButtonMouseClicked

**private** **void** paymentPDFMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_paymentPDFMouseClicked

// **TODO** add your handling code here:

MessageFormat header = **new** MessageFormat("TO " + customerName);

MessageFormat footer = **new** MessageFormat("THANKYOU FOR PURCHASING PRODUCTS FROM AMBAL TEXTILES");

// MessageFormat footer = new MessageFormat("PAGE{0,number,integer}");

// for page numbers use above line

**try** {

paymentTable.print(JTable.PrintMode.FIT\_WIDTH, header, footer);

} **catch** (PrinterException e) {

System.err.format("can't print %s%n", e.getMessage());

}

}//GEN-LAST:event\_paymentPDFMouseClicked

**private** **void** payAmountActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_payAmountActionPerformed

// **TODO** add your handling code here:

**if** (customerName.equals("NONE")) {

flag = **false**;

JOptionPane.showMessageDialog(**this**, "You must select anyone Customer", "Selection Error", JOptionPane.ERROR\_MESSAGE);

} **else** {

flag = **true**;

}

**if** (paymentDate.getDate() != **null**) {

flag1 = **true**;

} **else** {

flag1 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Payment Date field", "Empty Error", JOptionPane.ERROR\_MESSAGE);

}

String particularColumn = "";

**if** (voucherType.getSelectedItem().equals("CASH")) {

bankAccountNumber.setEnabled(**false**);

particularColumn = "CASH PAYMENT";

flag2 = **true**;

} **else** {

**if** (bankAccountNumber.getText().equals("")) {

flag2 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Bank Account Number field", "Empty Error", JOptionPane.ERROR\_MESSAGE);

} **else** {

flag2 = **true**;

bankAccountNumber.setEnabled(**true**);

particularColumn = "A/C: " + bankAccountNumber.getText();

}

}

**if** (rupees.getText().equals("")) {

flag3 = **false**;

JOptionPane.showMessageDialog(**this**, "You must enter Rupees field", "Empty Error", JOptionPane.ERROR\_MESSAGE);

} **else** {

flag3 = **true**;

}

**if** (flag && flag1 && flag2 && flag3) {

**try** {

df = **new** DatabaseFunctions();

// inserting sales details in payments list

df.insertPaymentDetails(

customerName,

**new** SimpleDateFormat("dd/MM/yyyy").format(paymentDate.getDate()),

"-",

particularColumn,

voucherType.getSelectedItem().toString(),

"0",

rupees.getText());

tableDatasRecovery();

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

}//GEN-LAST:event\_payAmountActionPerformed

**private** **void** viewListActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_viewListActionPerformed

// **TODO** add your handling code here:

tableDatasRecovery();

}//GEN-LAST:event\_viewListActionPerformed

**private** **void** viewByDatesActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_viewByDatesActionPerformed

// **TODO** add your handling code here:

datasRecoveryByDates();

}//GEN-LAST:event\_viewByDatesActionPerformed

**private** **void** tableDatasRecovery() {

**try** {

df = **new** DatabaseFunctions();

customerName = searchResults.getSelectedItem().toString();

**while** (dm.getRowCount() > 0) {

dm.removeRow(0);

}

**if** (!customerName.equals("NONE")) {

ArrayList<Payments> p;

p = df.findPaymentDetails(customerName);

p.forEach((pay) -> {

dm.addRow(**new** Object[]{

pay.getDt(),

pay.getInum(),

pay.getPart(),

pay.getVtype(),

pay.getDeb(),

pay.getCre(),

pay.getBal(),

pay.getDy()

});

});

}

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

**private** **void** datasRecoveryByDates() {

**try** {

df = **new** DatabaseFunctions();

customerName = searchResults.getSelectedItem().toString();

**while** (dm.getRowCount() > 0) {

dm.removeRow(0);

}

**if** (!customerName.equals("NONE") && !fromDate.getText().equals("") && !toDate.getText().equals("")) {

ArrayList<Payments> p;

p = df.findPaymentDetailsByDates(customerName, fromDate.getText(), toDate.getText());

p.forEach((pay) -> {

dm.addRow(**new** Object[]{

pay.getDt(),

pay.getInum(),

pay.getPart(),

pay.getVtype(),

pay.getDeb(),

pay.getCre(),

pay.getBal(),

pay.getDy()

});

});

}

} **catch** (SQLException | ClassNotFoundException ex) {

// don't do anything

}

}

**public** String getDt() {

**return** dt;

}

**public** **void** setDt(String dt) {

**this**.dt = dt;

}

**public** String getInum() {

**return** inum;

}

**public** **void** setInum(String inum) {

**this**.inum = inum;

}

**public** String getPart() {

**return** part;

}

**public** **void** setPart(String part) {

**this**.part = part;

}

**public** String getVtype() {

**return** vtype;

}

**public** **void** setVtype(String vtype) {

**this**.vtype = vtype;

}

**public** String getDeb() {

**return** deb;

}

**public** **void** setDeb(String deb) {

**this**.deb = deb;

}

**public** String getCre() {

**return** cre;

}

**public** **void** setCre(String cre) {

**this**.cre = cre;

}

**public** String getBal() {

**return** bal;

}

**public** **void** setBal(String bal) {

**this**.bal = bal;

}

**public** String getDy() {

**return** dy;

}

**public** **void** setDy(String dy) {

**this**.dy = dy;

}

/\*\*

\* **@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(Payments.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

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

}

//</editor-fold>

/\* Create and display the form \*/

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

@Override

**public** **void** run() {

**new** Payments().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**private** javax.swing.JTextField bankAccountNumber;

**private** javax.swing.JLabel closeButton;

**private** javax.swing.JLabel dateFormat;

**private** javax.swing.JTextField fromDate;

**private** javax.swing.JLabel jLabel1;

**private** javax.swing.JLabel jLabel10;

**private** javax.swing.JLabel jLabel11;

**private** javax.swing.JLabel jLabel2;

**private** javax.swing.JLabel jLabel3;

**private** javax.swing.JLabel jLabel7;

**private** javax.swing.JLabel jLabel8;

**private** javax.swing.JLabel jLabel9;

**private** javax.swing.JPanel jPanel1;

**private** javax.swing.JScrollPane jScrollPane1;

**private** javax.swing.JButton payAmount;

**private** org.jdesktop.swingx.JXDatePicker paymentDate;

**private** javax.swing.JLabel paymentPDF;

**private** javax.swing.JTable paymentTable;

**private** javax.swing.JTextField rupees;

**private** javax.swing.JLabel searchButton;

**private** javax.swing.JComboBox<String> searchResults;

**private** javax.swing.JTextField searchText;

**private** javax.swing.JTextField toDate;

**private** javax.swing.JButton viewByDates;

**private** javax.swing.JButton viewList;

**private** javax.swing.JComboBox<String> voucherType;

// End of variables declaration//GEN-END:variables

}

**SplashScreen.java**

**package** ambaltextiles;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** SplashScreen **extends** javax.swing.JFrame {

/\*\*

\* Creates new form SplashScreen

\*/

**public** SplashScreen() {

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">//GEN-BEGIN:initComponents

**private** **void** initComponents() {

jPanel1 = **new** javax.swing.JPanel();

jLabel1 = **new** javax.swing.JLabel();

jLabel2 = **new** javax.swing.JLabel();

loadingNumber = **new** javax.swing.JLabel();

loadingBar = **new** javax.swing.JProgressBar();

jLabel4 = **new** javax.swing.JLabel();

jLabel5 = **new** javax.swing.JLabel();

jLabel3 = **new** javax.swing.JLabel();

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

setUndecorated(**true**);

jPanel1.setBackground(**new** java.awt.Color(255, 255, 255));

jPanel1.setBorder(javax.swing.BorderFactory.createMatteBorder(3, 3, 3, 3, **new** java.awt.Color(47, 93, 129)));

jLabel1.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/logo.png"))); // NOI18N

jLabel2.setIcon(**new** javax.swing.ImageIcon(getClass().getResource("/ambaltextiles/images/ambal textiles.png"))); // NOI18N

loadingNumber.setFont(**new** java.awt.Font("Consolas", 1, 12)); // NOI18N

loadingNumber.setForeground(**new** java.awt.Color(47, 93, 129));

loadingNumber.setText("100 %");

loadingBar.setBackground(**new** java.awt.Color(255, 255, 255));

loadingBar.setForeground(**new** java.awt.Color(47, 93, 129));

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

jLabel4.setForeground(**new** java.awt.Color(47, 93, 129));

jLabel4.setText("Â© copyrights reserved");

jLabel5.setFont(**new** java.awt.Font("Consolas", 3, 14)); // NOI18N

jLabel5.setForeground(**new** java.awt.Color(47, 93, 129));

jLabel5.setText("Developed By : Sridhar T");

jLabel3.setBackground(**new** java.awt.Color(255, 255, 255));

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

jLabel3.setForeground(**new** java.awt.Color(47, 93, 129));

jLabel3.setText(" INVOICE GENERATOR");

javax.swing.GroupLayout jPanel1Layout = **new** javax.swing.GroupLayout(jPanel1);

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel4)

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

.addComponent(jLabel5))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(52, 52, 52)

.addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 570, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(299, 299, 299)

.addComponent(jLabel1)))

.addGap(0, 122, Short.MAX\_VALUE)))

.addContainerGap())

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addContainerGap(307, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addComponent(loadingNumber)

.addGap(353, 353, 353))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, **false**)

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

.addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(297, 297, 297))))

);

jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(29, 29, 29)

.addComponent(jLabel1)

.addGap(18, 18, 18)

.addComponent(jLabel2)

.addGap(18, 18, 18)

.addComponent(jLabel3)

.addGap(29, 29, 29)

.addComponent(loadingNumber)

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

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

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 51, Short.MAX\_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel4)

.addComponent(jLabel5))

.addGap(20, 20, 20))

);

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

layout.setVerticalGroup(

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

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

setSize(**new** java.awt.Dimension(760, 440));

setLocationRelativeTo(**null**);

}// </editor-fold>//GEN-END:initComponents

/\*\*

\* **@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(SplashScreen.**class**.getName()).log(java.util.logging.Level.SEVERE, **null**, ex);

} **catch** (InstantiationException ex) {

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

} **catch** (IllegalAccessException ex) {

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

} **catch** (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(SplashScreen.**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** SplashScreen().setVisible(**true**);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

**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;

**public** javax.swing.JPanel jPanel1;

**public** javax.swing.JProgressBar loadingBar;

**public** javax.swing.JLabel loadingNumber;

// End of variables declaration//GEN-END:variables

}

**Package Name : ambaltextiles.databaseWorks**

**DatabaseFunctions.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** ambaltextiles.databaseWorks;

**import** ambaltextiles.AddCustomer;

**import** ambaltextiles.MonthlySales;

**import** ambaltextiles.Payments;

**import** java.sql.Connection;

**import** java.sql.DatabaseMetaData;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**import** java.text.DecimalFormat;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.ArrayList;

**import** java.util.Date;

**import** java.util.concurrent.TimeUnit;

**import** javax.swing.JTextField;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** DatabaseFunctions {

DatabaseMetaData md;

PreparedStatement ps;

Connection cn;

Statement s;

ResultSet r;

AddCustomer addCust;

Payments pay;

MonthlySales month;

DecimalFormat df;

**public** **void** createBillKeyTable() **throws** SQLException, ClassNotFoundException {

cn = DBUtil.getDBConnection();

md = cn.getMetaData();

r = md.getTables(**null**, **null**, "BILLKEY", **null**);

**if** (!r.next()) {

// table creation if doesn't exists

ps = cn.prepareStatement("create table billkey(s\_no int not null,"

+ "keypass varchar(20),"

+ "customer\_id int not null,"

+ "invoicenumber int not null,"

+ "invoicenumbertaxless int not null,"

+ "payment\_number int not null"

+ ")");

ps.execute();

cn.commit();

// setting initial fields

ps = cn.prepareStatement("insert into billkey values(1, 'rsk', 1, 0, 0, 0)");

ps.execute();

cn.commit();

}

}

**public** **void** createCustomersListTable() **throws** SQLException, ClassNotFoundException {

cn = DBUtil.getDBConnection();

md = cn.getMetaData();

r = md.getTables(**null**, **null**, "CUSTOMERSLIST", **null**);

**if** (!r.next()) {

// table creation if doesn't exists

ps = cn.prepareStatement("create table customerslist("

+ "customer\_id int,"

+ "company\_name varchar(35),"

+ "address\_line1 varchar(30),"

+ "address\_line2 varchar(30),"

+ "address\_line3 varchar(30),"

+ "gstin\_number varchar(20),"

+ "state\_code varchar(5),"

+ "phone\_number varchar(10),"

+ "balance varchar(20)"

+ ")");

ps.execute();

cn.commit();

}

}

**public** **void** createPaymentsListTable() **throws** SQLException, ClassNotFoundException {

cn = DBUtil.getDBConnection();

md = cn.getMetaData();

r = md.getTables(**null**, **null**, "PAYMENTSLIST", **null**);

**if** (!r.next()) {

// table creation if doesn't exists

ps = cn.prepareStatement("create table paymentslist("

+ "payment\_number int not null,"

+ "customer\_name varchar(35),"

+ "dates varchar(10),"

+ "invoice\_number varchar(20),"

+ "particulars varchar(25),"

+ "voucher\_type varchar(20),"

+ "debit varchar(20),"

+ "credit varchar(20),"

+ "balance varchar(20),"

+ "days varchar(10)"

+ ")");

ps.execute();

cn.commit();

}

}

**public** String currentPassword() **throws** SQLException, ClassNotFoundException {

String key = "";

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select keypass from billkey where s\_no = 1");

**while** (r.next()) {

key = r.getString(1);

}

**return** key;

}

**public** **void** updatePassword(String newPass) **throws** SQLException, ClassNotFoundException {

cn = DBUtil.getDBConnection();

ps = cn.prepareStatement("update billkey set keypass = ? where s\_no = ?");

ps.setString(1, newPass);

ps.setString(2, "1");

ps.executeUpdate();

cn.commit();

}

**public** **void** insertionAccount(String name, String adrs1, String adrs2, String adrs3, String tin, String state, String ph) **throws** SQLException, ClassNotFoundException {

**int** id = 0;

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select customer\_id from billkey where s\_no = 1");

**while** (r.next()) {

id = r.getInt(1);

}

ps = cn.prepareStatement("insert into customerslist values(?,?,?,?,?,?,?,?,?)");

ps.setInt(1, id);

ps.setString(2, name.toUpperCase());

ps.setString(3, adrs1.toUpperCase());

ps.setString(4, adrs2.toUpperCase());

ps.setString(5, adrs3.toUpperCase());

ps.setString(6, tin.toUpperCase());

ps.setString(7, state.toUpperCase());

ps.setString(8, ph.toUpperCase());

ps.setString(9, "0");

ps.executeUpdate();

cn.commit();

ps = cn.prepareStatement("update billkey set customer\_id = ? where s\_no = ?");

ps.setInt(1, (id + 1));

ps.setString(2, "1");

ps.executeUpdate();

cn.commit();

}

**public** **void** updateAccount(**int** id, String name, String adrs1, String adrs2, String adrs3, String tin, String state, String ph) **throws** SQLException, ClassNotFoundException {

cn = DBUtil.getDBConnection();

**if** (!name.equals("")) {

ps = cn.prepareStatement("update customerslist set company\_name = ? where customer\_id = ?");

ps.setString(1, name.toUpperCase());

ps.setInt(2, id);

ps.executeUpdate();

cn.commit();

}

**if** (!adrs1.equals("")) {

ps = cn.prepareStatement("update customerslist set address\_line1 = ? where customer\_id = ?");

ps.setString(1, adrs1.toUpperCase());

ps.setInt(2, id);

ps.executeUpdate();

cn.commit();

}

**if** (!adrs2.equals("")) {

ps = cn.prepareStatement("update customerslist set address\_line2 = ? where customer\_id = ?");

ps.setString(1, adrs2.toUpperCase());

ps.setInt(2, id);

ps.executeUpdate();

cn.commit();

}

**if** (!adrs3.equals("")) {

ps = cn.prepareStatement("update customerslist set address\_line3 = ? where customer\_id = ?");

ps.setString(1, adrs3.toUpperCase());

ps.setInt(2, id);

ps.executeUpdate();

cn.commit();

}

**if** (!tin.equals("")) {

ps = cn.prepareStatement("update customerslist set gstin\_number = ? where customer\_id = ?");

ps.setString(1, tin.toUpperCase());

ps.setInt(2, id);

ps.executeUpdate();

cn.commit();

}

**if** (!state.equals("")) {

ps = cn.prepareStatement("update customerslist set state\_code = ? where customer\_id = ?");

ps.setString(1, state.toUpperCase());

ps.setInt(2, id);

ps.executeUpdate();

cn.commit();

}

**if** (!ph.equals("")) {

ps = cn.prepareStatement("update customerslist set phone\_number = ? where customer\_id = ?");

ps.setString(1, ph.toUpperCase());

ps.setInt(2, id);

ps.executeUpdate();

cn.commit();

}

}

**public** ArrayList<AddCustomer> findAll() **throws** SQLException, ClassNotFoundException {

ArrayList<AddCustomer> list = **new** ArrayList<>();

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select \* from customerslist order by customer\_id");

**while** (r.next()) {

addCust = **new** AddCustomer();

addCust.setCustid(String.valueOf(r.getInt(1)));

addCust.setN(r.getString(2));

addCust.setA1(r.getString(3));

addCust.setA2(r.getString(4));

addCust.setA3(r.getString(5));

addCust.setT(r.getString(6));

addCust.setSc(r.getString(7));

addCust.setPho(r.getString(8));

list.add(addCust);

}

**return** list;

}

**public** String findInvoiceNumber() **throws** SQLException, ClassNotFoundException {

String num = "";

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select invoicenumber from billkey where s\_no = 1");

**while** (r.next()) {

num = String.valueOf(r.getInt(1));

}

**return** num;

}

**public** String findInvoiceNumberTaxless() **throws** SQLException, ClassNotFoundException {

String num = "";

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select invoicenumbertaxless from billkey where s\_no = 1");

**while** (r.next()) {

num = String.valueOf(r.getInt(1));

}

**return** num;

}

**public** **void** updateInvoiceNumber(**int** invoiceNumber) **throws** SQLException, ClassNotFoundException {

cn = DBUtil.getDBConnection();

ps = cn.prepareStatement("update billkey set invoicenumber = ? where s\_no = ?");

ps.setInt(1, invoiceNumber);

ps.setString(2, "1");

ps.executeUpdate();

cn.commit();

}

**public** **void** updateInvoiceNumberTaxless(**int** invoiceNumber) **throws** SQLException, ClassNotFoundException {

cn = DBUtil.getDBConnection();

ps = cn.prepareStatement("update billkey set invoicenumbertaxless = ? where s\_no = ?");

ps.setInt(1, invoiceNumber);

ps.setString(2, "1");

ps.executeUpdate();

cn.commit();

}

**public** String getCustomerData(String name, Boolean Adrs1, Boolean Adrs2, Boolean Adrs3, Boolean tin, Boolean state, Boolean phone) **throws** SQLException, ClassNotFoundException {

String option = "";

cn = DBUtil.getDBConnection();

s = cn.createStatement();

**if** (Adrs1) {

r = s.executeQuery("select address\_line1 from customerslist where company\_name = '" + name + "'");

}

**if** (Adrs2) {

r = s.executeQuery("select address\_line2 from customerslist where company\_name = '" + name + "'");

}

**if** (Adrs3) {

r = s.executeQuery("select address\_line3 from customerslist where company\_name = '" + name + "'");

}

**if** (tin) {

r = s.executeQuery("select gstin\_number from customerslist where company\_name = '" + name + "'");

}

**if** (state) {

r = s.executeQuery("select state\_code from customerslist where company\_name = '" + name + "'");

}

**if** (phone) {

r = s.executeQuery("select phone\_number from customerslist where company\_name = '" + name + "'");

}

**while** (r.next()) {

option = r.getString(1);

}

**return** option;

}

**public** ArrayList<String> findCustomersWithSearchLetters(String searchText) **throws** SQLException, ClassNotFoundException {

ArrayList<String> list = **new** ArrayList<>();

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select company\_name from customerslist where company\_name like '" + searchText + "%'");

**while** (r.next()) {

list.add(r.getString(1));

}

**return** list;

}

**public** **void** insertPaymentDetails(String name, String dates, String invoiceNumber, String particulars, String voucherType, String debit, String credit) **throws** SQLException, ClassNotFoundException {

Double amount = 0.0, d = 0.0, c = 0.0;

**int** num = 0;

String balance;

df = **new** DecimalFormat("0.00");

cn = DBUtil.getDBConnection();

d = Double.parseDouble(debit);

c = Double.parseDouble(credit);

s = cn.createStatement();

r = s.executeQuery("select payment\_number from billkey where s\_no = 1");

**while** (r.next()) {

num = r.getInt(1);

}

num += 1;

r = s.executeQuery("select balance from customerslist where company\_name = '" + name + "'");

**while** (r.next()) {

amount = Double.parseDouble(r.getString(1));

}

balance = df.format(amount + d - c);

ps = cn.prepareStatement("insert into paymentslist values(?,?,?,?,?,?,?,?,?,?)");

ps.setInt(1, num);

ps.setString(2, name);

ps.setString(3, dates);

ps.setString(4, invoiceNumber);

ps.setString(5, particulars.toUpperCase());

ps.setString(6, voucherType.toUpperCase());

ps.setString(7, df.format(d));

ps.setString(8, df.format(c));

ps.setString(9, balance); // empty balance field

ps.setString(10, ""); // empty overdue by days field

ps.executeUpdate();

cn.commit();

ps = cn.prepareStatement("update billkey set payment\_number = ? where s\_no = ?");

ps.setInt(1, num);

ps.setString(2, "1");

ps.executeUpdate();

cn.commit();

ps = cn.prepareStatement("update customerslist set balance = ? where company\_name = ?");

ps.setString(1, balance);

ps.setString(2, name);

ps.executeUpdate();

cn.commit();

}

**public** ArrayList<Payments> findPaymentDetails(String customerName) **throws** SQLException, ClassNotFoundException {

String days = "";

**long** difference = 0, noOfDays = 0;

ArrayList<Payments> list = **new** ArrayList<>();

SimpleDateFormat sdf = **new** SimpleDateFormat("dd/MM/yyyy");

Date billDates = **null**, today;

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select payment\_number, dates from paymentslist where not invoice\_number = '-'");

**while** (r.next()) {

**try** {

billDates = sdf.parse(r.getString(2));

today = **new** Date();

difference = today.getTime() - billDates.getTime();

noOfDays = TimeUnit.DAYS.convert(difference, TimeUnit.MILLISECONDS);

days = String.valueOf(noOfDays);

ps = cn.prepareStatement("update paymentslist set days = ? where payment\_number = ?");

ps.setString(1, days);

ps.setString(2, r.getString(1));

ps.executeUpdate();

cn.commit();

} **catch** (ParseException ex) {

// don't do anything

}

}

s = cn.createStatement();

r = s.executeQuery("select \* from paymentslist where customer\_name = '" + customerName + "' order by payment\_number");

**while** (r.next()) {

pay = **new** Payments();

pay.setDt(r.getString(3));

pay.setInum(r.getString(4));

pay.setPart(r.getString(5));

pay.setVtype(r.getString(6));

pay.setDeb(r.getString(7));

pay.setCre(r.getString(8));

pay.setBal(r.getString(9));

pay.setDy(r.getString(10));

list.add(pay);

}

**return** list;

}

**public** ArrayList<MonthlySales> findPaymentsByDates(String fromD, String toD) **throws** SQLException, ClassNotFoundException {

ArrayList<MonthlySales> list = **new** ArrayList<>();

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select \* from paymentslist where dates between '" + fromD + "' and '" + toD + "' and not invoice\_number = '-' order by payment\_number");

**while** (r.next()) {

month = **new** MonthlySales();

month.setDt(r.getString(3));

month.setName(r.getString(2));

month.setInum(r.getString(4));

month.setPart(r.getString(5));

month.setVtype(r.getString(6));

month.setDeb(r.getString(7));

list.add(month);

}

**return** list;

}

**public** ArrayList<Payments> findPaymentDetailsByDates(String customerName, String fromD, String toD) **throws** SQLException, ClassNotFoundException {

String days = "";

**long** difference = 0, noOfDays = 0;

ArrayList<Payments> list = **new** ArrayList<>();

SimpleDateFormat sdf = **new** SimpleDateFormat("dd/MM/yyyy");

Date billDates = **null**, today;

cn = DBUtil.getDBConnection();

s = cn.createStatement();

r = s.executeQuery("select payment\_number, dates from paymentslist where not invoice\_number = '-'");

**while** (r.next()) {

**try** {

billDates = sdf.parse(r.getString(2));

today = **new** Date();

difference = today.getTime() - billDates.getTime();

noOfDays = TimeUnit.DAYS.convert(difference, TimeUnit.MILLISECONDS);

days = String.valueOf(noOfDays);

ps = cn.prepareStatement("update paymentslist set days = ? where payment\_number = ?");

ps.setString(1, days);

ps.setString(2, r.getString(1));

ps.executeUpdate();

cn.commit();

} **catch** (ParseException ex) {

// don't do anything

}

}

s = cn.createStatement();

r = s.executeQuery("select \* from paymentslist where dates between '" + fromD + "' and '" + toD + "' and customer\_name = '" + customerName + "' order by payment\_number");

**while** (r.next()) {

pay = **new** Payments();

pay.setDt(r.getString(3));

pay.setInum(r.getString(4));

pay.setPart(r.getString(5));

pay.setVtype(r.getString(6));

pay.setDeb(r.getString(7));

pay.setCre(r.getString(8));

pay.setBal(r.getString(9));

pay.setDy(r.getString(10));

list.add(pay);

}

**return** list;

}

}

**DBUtil.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** ambaltextiles.databaseWorks;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.SQLException;

/\*\*

\*

\* **@author** Sridhar

\*/

**public** **class** DBUtil {

**public** **static** Connection getDBConnection() **throws** SQLException, ClassNotFoundException {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection cn = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl", "sridhar", "srigadgeter");

**return** cn;

}

}