

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>");
```

AMBAL TEXTILES BILLING PROJECT

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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)
            .addGap(10, 10, 10))
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(10, 10, 10)
                    .addComponent(jLabel3)
                    .addGap(10, 10, 10)
                    .addComponent(close)
                    .addGap(10, 10, 10))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(10, 10, 10)
                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(10, 10, 10))
            )
            .addGap(10, 10, 10)
        );

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)
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AMBAL TEXTILES BILLING PROJECT

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.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);
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
}
//</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")

```

AMBAL TEXTILES BILLING PROJECT

```
// <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");
```

AMBAL TEXTILES BILLING PROJECT

```
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.setViewportViewView(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() {
```


AMBAL TEXTILES BILLING PROJECT

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        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 Customer 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()
                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .add(jLabel1)
                    .add(jLabel2)
                    .addComponent(nameOfCompany, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .add(jLabel3)
                    .addComponent(addressLine1, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .add(jLabel4)
                    .addComponent(addressLine2, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .add(jLabel5)
                    .addComponent(addressLine3, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .add(jLabel6)
                    .addComponent(gstinNumber, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .add(jLabel7)
                    .addComponent(stateCode, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .add(jLabel8)
                    .addComponent(phoneNumber, javax.swing.GroupLayout.PREFERRED_SIZE, 300,
                        javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(46, 46, 46)
                    .addComponent(addAccount)
                    .addGap(51, 51, 51)
                    .addComponent(clearDetails)))
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jLabel9)
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                .add(jLabel363)
                .add(jLabel364)
                .add(jLabel365)
                .add(jLabel366)
                .add(jLabel367)
                .add
```

AMBAL TEXTILES BILLING PROJECT

```
.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(jLabel11)
    .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(jLabel12)
        .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(jLabel13)
        .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(jLabel14)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(addressLine2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
```

AMBAL TEXTILES BILLING PROJECT

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addComponent(jLabel15)
.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(jLabel16)
.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(jLabel17)
.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(jLabel18)
.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;
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```

        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

```

AMBAL TEXTILES BILLING PROJECT

```
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 {
```

AMBAL TEXTILES BILLING PROJECT

```
        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 jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
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;
```

AMBAL TEXTILES BILLING PROJECT

```
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)
                .addGroup(layout.createSequentialGroup()
                    .addGap(0, 400, Short.MAX_VALUE)
                    .addContainerGap())
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(0, 300, Short.MAX_VALUE)
                    .addContainerGap())
        );

        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 {

```

AMBAL TEXTILES BILLING PROJECT

```
        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();
    }

```

AMBAL TEXTILES BILLING PROJECT

```
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();
```

AMBAL TEXTILES BILLING PROJECT

```
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();
jLabel11 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
invoiceDate = new org.jdesktop.swing.JXDatePicker();
saveAsPDF = new javax.swing.JLabel();
closeButton = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel111 = new javax.swing.JLabel();
jLabel112 = new javax.swing.JLabel();
jLabel113 = new javax.swing.JLabel();
jLabel114 = 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);
```

AMBAL TEXTILES BILLING PROJECT

```
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);
    }
});

l1.setFont(new java.awt.Font("Consolas", 1, 24)); // NOI18N
l1.setForeground(new java.awt.Color(255, 255, 255));
l1.setText("Rs 0.0");
l1.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);
    }
});

jLabel11.setFont(new java.awt.Font("Supercell-Magic", 0, 12)); // NOI18N
jLabel11.setForeground(new java.awt.Color(255, 255, 255));
jLabel11.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");

```

AMBAL TEXTILES BILLING PROJECT

```

        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
javafx.swing.ImageIcon(getClass().getResource("/ambaltextures/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()
                    .add(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .add(jLabel8)
                        .add(jLabel9)
                        .add(metres)
                        .add(invoiceNumber)
                        .add(product)
                        .add(quality)
                        .add(searchText)
                        .add(searchButton)
                    )
                    .addContainerGap(10, Short.MAX_VALUE))
        );
        jPanel1Layout.setVerticalGroup(
            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jPanel1Layout.createSequentialGroup()
                    .add(jLabel8)
                    .add(jLabel9)
                    .add(metres)
                    .add(invoiceNumber)
                    .add(product)
                    .add(quality)
                    .add(searchText)
                    .add(searchButton)
                    .addContainerGap(10, Short.MAX_VALUE))
        );
    }

    /**
     * The method seeInvoiceNumberMouseClicked is called when the user clicks on the
     * seeInvoiceNumber label. It displays the invoice number in the text area.
     */
    private void seeInvoiceNumberMouseClicked(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        invoiceNumber.setText("");
        invoiceNumber.setEditable(false);
        invoiceNumber.setVisible(true);
        invoiceNumber.requestFocus();
    }

    /**
     * The method searchButtonMouseClicked is called when the user clicks on the
     * searchButton button. It displays the search results in the text area.
     */
    private void searchButtonMouseClicked(java.awt.event.MouseEvent evt) {
        // TODO add your handling code here:
        searchText.setText("");
        searchText.setEditable(false);
        searchText.setVisible(true);
        searchText.requestFocus();
    }
}

```


AMBAL TEXTILES BILLING PROJECT

```
.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(jLabel17)
    .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel11)
    .addComponent(jLabel16)
    .addComponent(jLabel18))
    .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())
```

AMBAL TEXTILES BILLING PROJECT

```
.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(1, 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()
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel12)
            .addGap(30, 30, 30)
            .addComponent(jLabel13))
        .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(jLabel14)
    .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(jLabel19)
    .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(jLabel15))
    .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)
```

AMBAL TEXTILES BILLING PROJECT

```
.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)
```

AMBAL TEXTILES BILLING PROJECT

```
.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(jLabel12)
    .addComponent(jLabel13))

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jLabel19)
        .addGap(17, 17, 17)
        .addComponent(metres,
javax.swing.GroupLayout.PREFERRED_SIZE, 32, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel14)
            .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(jLabel15)
```

AMBAL TEXTILES BILLING PROJECT

```
        .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(1, 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")
            )
        }
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
        || 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();
}
}
```


AMBAL TEXTILES BILLING PROJECT

```
        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;
        }
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
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
```


AMBAL TEXTILES BILLING PROJECT

```
    } 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
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
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
```

AMBAL TEXTILES BILLING PROJECT

```
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 {
```

AMBAL TEXTILES BILLING PROJECT

```
        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;
```

AMBAL TEXTILES BILLING PROJECT

```
private javax.swing.JRadioButton igst;
private org.jdesktop.swing.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
```

AMBAL TEXTILES BILLING PROJECT

```

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

javafx.swing.GroupLayout jPanel1Layout = new javafx.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(29, 29, 29)
        .addComponent(jLabel11))
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(83, 83, 83)
        .addComponent(jLabel13)))

.addGroup(jPanel1Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(57, 57, 57)

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

```


AMBAL TEXTILES BILLING PROJECT

```
.addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGroup(jPanel11Layout.createSequentialGroup())

.addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel12)
    .addComponent(jLabel17))

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

.addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel11Layout.createSequentialGroup())

.addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addComponent(jLabel15)
    .addComponent(jLabel18))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
    .addComponent(jLabel16))
    .addComponent(jLabel19)))
    .addContainerGap(41, Short.MAX_VALUE))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel11Layout.createSequentialGroup())
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(close)
    .addContainerGap()))))
);
jPanel11Layout.setVerticalGroup(
    jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel11Layout.createSequentialGroup())
    .addContainerGap())

.addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel11Layout.createSequentialGroup())
    .addComponent(close)
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel11Layout.createSequentialGroup())

.addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel11Layout.createSequentialGroup())

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
    .addComponent(jLabel12))
    .addGroup(jPanel11Layout.createSequentialGroup())
    .addGap(21, 21, 21)
    .addComponent(jLabel15)))
    .addGap(8, 8, 8)

.addGroup(jPanel11Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
    .addGroup(jPanel11Layout.createSequentialGroup())
    .addComponent(jLabel18)
    .addGap(18, 18, 18)
    .addComponent(jLabel19)
    .addGap(11, 11, 11))
    .addComponent(jLabel17)))
```


AMBAL TEXTILES BILLING PROJECT

```
.addGroup(jPanel1Layout.createSequentialGroup()  
    .addGap(46, 46, 46)  
    .addComponent(jLabel6)))  
    .addContainerGap(23, Short.MAX_VALUE))  
.addGroup(jPanel1Layout.createSequentialGroup()  
    .addGap(0, 0, Short.MAX_VALUE)  
    .addComponent(jLabel11)  
    .addGap(18, 18, 18)  
    .addComponent(jLabel13)  
    .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());  
            }  
        }  
    } catch (ClassNotFoundException ex) {  
        java.util.logging.Logger.getLogger(Main.class).log(Level.SEVERE, null, ex);  
    } catch (InstantiationException ex) {  
        java.util.logging.Logger.getLogger(Main.class).log(Level.SEVERE, null, ex);  
    } catch (IllegalAccessException ex) {  
        java.util.logging.Logger.getLogger(Main.class).log(Level.SEVERE, null, ex);  
    }  
}
```

AMBAL TEXTILES BILLING PROJECT

```
                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">
    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));
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
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() {
```

AMBAL TEXTILES BILLING PROJECT

```
        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()
                .addContainerGap()
                .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(placeBill)
                    .addComponent(ownerInfo))
                .addContainerGap())
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(placeBill)
                .addContainerGap())
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(ownerInfo)
                .addContainerGap())
    );
```

AMBAL TEXTILES BILLING PROJECT

```
.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.createSequentialGroup()
    .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.createSequentialGroup()
    .addComponent(changePassword)
    .addComponent(payments)
    .addComponent(placeBill))
    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 58,
Short.MAX_VALUE)

.addGroup(jPanel1Layout.createSequentialGroup()
    .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)
```

AMBAL TEXTILES BILLING PROJECT

```
);
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 ?");
```


AMBAL TEXTILES BILLING PROJECT

```
        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 */
```


AMBAL TEXTILES BILLING PROJECT

```
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
```

AMBAL TEXTILES BILLING PROJECT

```
jLabel12.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/ambaltextures/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("/ambaltextures/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(jLabel12)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(passkey, javax.swing.GroupLayout.PREFERRED_SIZE, 200,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(300, 300, 300)
                    .addComponent(jLabel11)))
                .addContainerGap(258, Short.MAX_VALUE))
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addGap(0, 0, Short.MAX_VALUE)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
        .addComponent(close)
        .addContainerGap())
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
            .addComponent(login)
            .addGap(329, 329, 329))))
    );
```

AMBAL TEXTILES BILLING PROJECT

```
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
```

AMBAL TEXTILES BILLING PROJECT

```
// 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 {
```

AMBAL TEXTILES BILLING PROJECT

```
        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);
    }

```

AMBAL TEXTILES BILLING PROJECT

```
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");
```


AMBAL TEXTILES BILLING PROJECT

```

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("/ambaltextures/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()
            .addComponent(jScrollPane1)
            .addGap(120, 120, 120)
            .addComponent(dateFormat)
            .addContainerGap())
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(viewByDates)
            .addGap(35, 35, 35)
            .addComponent(save)
            .addContainerGap())
);

```

AMBAL TEXTILES BILLING PROJECT

```
.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
        }
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
//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) {

```

AMBAL TEXTILES BILLING PROJECT

```
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) {
```


AMBAL TEXTILES BILLING PROJECT

```
    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));
```

AMBAL TEXTILES BILLING PROJECT

```
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()  
                    .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(jPanel1Layout.createSequentialGroup()  
                    .addGroup(jPanel1Layout.createSequentialGroup()  
                        .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)
```

AMBAL TEXTILES BILLING PROJECT

```
.addComponent(jLabel16))

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(jLabel17)))
    .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(jLabel14, 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(jLabel12)
    .addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    .addGap(3, 3, 3)
    .addComponent(jLabel16))
    .addGroup(jPanel1Layout.createSequentialGroup())

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    .addComponent(jLabel17)
    .addGap(12, 12, 12)))
    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
    .addGap(14, 14, 14)
    .addComponent(jLabel11)
    .addGap(28, 28, 28)
    .addComponent(jLabel13, 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)
);
```

AMBAL TEXTILES BILLING PROJECT

```
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 */
```

AMBAL TEXTILES BILLING PROJECT

```
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));
    }
}

```

AMBAL TEXTILES BILLING PROJECT

```

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
javafx.swing.ImageIcon(getClass().getResource("/ambaltextures/images/close.png"))); // NOI18N
close.setToolTipText("Close");
close.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        closeMouseClicked(evt);
    }
});

javafx.swing.GroupLayout jPanel1Layout = new javafx.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup())
        .addGap(110, 110, 110)
        .addComponent(jLabel1)
        .addPreferredGap(javafx.swing.LayoutStyle.ComponentPlacement.RELATED,
javafx.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(close))
    .addGroup(jPanel1Layout.createSequentialGroup())

.addGroup(jPanel1Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup())
        .addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javafx.swing.GroupLayout.Alignment.LEADING)
    .addComponent(jLabel2)
    .addComponent(jLabel3)
    .addComponent(jLabel4))

```


AMBAL TEXTILES BILLING PROJECT

```
.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)
);
```

AMBAL TEXTILES BILLING PROJECT

```
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[]) {
```

AMBAL TEXTILES BILLING PROJECT

```
/* 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.L
evel.SEVERE, null, ex);
    } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(PasswordChangingWindow.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(PasswordChangingWindow.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(PasswordChangingWindow.class.getName()).log(java.util.logging.L
evel.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);
    }
}

```

AMBAL TEXTILES BILLING PROJECT

```
// 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<>();
    jLabel17 = new javax.swing.JLabel();
    bankAccountNumber = new javax.swing.JTextField();
    jLabel18 = new javax.swing.JLabel();
    rupees = new javax.swing.JTextField();
    payAmount = new javax.swing.JButton();
    paymentDate = new org.jdesktop.swingx.JXDatePicker();
    jLabel19 = new javax.swing.JLabel();
    jLabel110 = new javax.swing.JLabel();
    jLabel111 = new javax.swing.JLabel();
    viewList = new javax.swing.JButton();
    dateFormat = new javax.swing.JLabel();
    viewByDates = new javax.swing.JButton();
    toDate = new javax.swing.JTextField();
    jLabel13 = new javax.swing.JLabel();
    fromDate = new javax.swing.JTextField();
    jLabel12 = 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
```

AMBAL TEXTILES BILLING PROJECT

```
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.setViewportViewView(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 )");
```

AMBAL TEXTILES BILLING PROJECT

```
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)
                .add(jLabel2)
                .add(jLabel3)
                .add(toDate)
                .add(viewByDates)
                .add(dateFormat)
                .add(viewList)
                .add(jLabel10)
                .add(jLabel9)
                .add(paymentDate)
                .add(payAmount)
            )
            .addContainerGap())
        .add(jLabel11)
    );
```


AMBAL TEXTILES BILLING PROJECT

```
.addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.LEADING)
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap())

    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.LEADING)
        .addComponent(jLabel1)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addComponent(jLabel11))

    .addPreferredGap(LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(searchText, GroupLayout.PREFERRED_SIZE,
160, GroupLayout.PREFERRED_SIZE)

    .addPreferredGap(LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(searchButton)
        .addGap(18, 18, 18)
        .addComponent(searchResults,
javax.swing.GroupLayout.PREFERRED_SIZE, 400, GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(viewList)))
    .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED, 65,
Short.MAX_VALUE)
        .addComponent(closeButton))
    .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(20, 20, 20)

    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.LEADING)
        .addComponent(jScrollPane1, GroupLayout.PREFERRED_SIZE,
955, GroupLayout.PREFERRED_SIZE)
        .addGroup(jPanel1Layout.createSequentialGroup()

    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.LEADING)
        .addComponent(paymentDate,
javax.swing.GroupLayout.PREFERRED_SIZE, 150, GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel19))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.LEADING)
        .addComponent(jLabel10)
        .addComponent(voucherType,
javax.swing.GroupLayout.PREFERRED_SIZE, 125, GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.LEADING)
        .addComponent(jLabel17)
        .addComponent(bankAccountNumber,
javax.swing.GroupLayout.PREFERRED_SIZE, 151, GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)

    .addGroup(jPanel1Layout.createParallelGroup(GroupLayout.Alignment.LEADING)
        .addComponent(jLabel18)
        .addComponent(rupees, GroupLayout.PREFERRED_SIZE,
151, GroupLayout.PREFERRED_SIZE))
        .addGap(18, 18, 18)
        .addComponent(payAmount)
        .addGap(35, 35, 35)
        .addComponent(paymentPDF, GroupLayout.PREFERRED_SIZE,
110, GroupLayout.PREFERRED_SIZE))
    .addGroup(jPanel1Layout.createSequentialGroup()
```


AMBAL TEXTILES BILLING PROJECT

```
.addComponent(jLabel12)
.addGap(18, 18, 18)
.addComponent(fromDate, javax.swing.GroupLayout.PREFERRED_SIZE,
120, javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(18, 18, 18)
.addComponent(jLabel13)
.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(jLabel11)
.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(jLabel12)
.addComponent(jLabel13)
.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)
```

AMBAL TEXTILES BILLING PROJECT

```
.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
```

AMBAL TEXTILES BILLING PROJECT

```
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.getSelectedItemAt().equals("CASH")) {
        bankAccountNumber.setEnabled(false);
        particularColumn = "CASH PAYMENT";
        flag2 = true;
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
    } 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.getSelectedItemAt().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.getSelectedItemAt().toString();

        while (dm.getRowCount() > 0) {
            dm.removeRow(0);
        }
    }
}
```

AMBAL TEXTILES BILLING PROJECT

```
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 */

```

AMBAL TEXTILES BILLING PROJECT

```
//<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 jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JPanel jPanel1;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JButton payAmount;
private org.jdesktop.swing.JXDatePicker paymentDate;
private javax.swing.JLabel paymentPDF;
private javax.swing.JTable paymentTable;
```

AMBAL TEXTILES BILLING PROJECT

```
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");
    }
}
```

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[illegible]

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```
.addComponent(jLabel13)
.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(jLabel14)
    .addComponent(jLabel15))
.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) {
```

AMBAL TEXTILES BILLING PROJECT

```
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 progressBar;
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();
        }
    }
}

```

AMBAL TEXTILES BILLING PROJECT

```
// 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),"
            + "gst_in_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);
    }
}

```


AMBAL TEXTILES BILLING PROJECT

```
        return list;
    }

    public String findInvoiceNumber() throws SQLException, ClassNotFoundException {
        String num = "";
        cn = DBUtil.getDBConnection();
        s = cn.createStatement();
        r = s.executeQuery("select invoicenum 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 invoicenumtaxless 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 invoicenum = ? 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 invoicenumtaxless = ? 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(?,?,?,?,?,?,?,?,?)");
    }

```

AMBAL TEXTILES BILLING PROJECT

```
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();
```

AMBAL TEXTILES BILLING PROJECT

```
        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 =
        ?");
```

AMBAL TEXTILES BILLING PROJECT

```
        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", "srigadgetter");
        return cn;

    }
}

```
