/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*

\* Cafe\_Management\_System.java

\*

\* Created on Mar 27, 2017, 7:44:02 PM

\*/

package Cafe\_Management\_Systems;

import java.util.Calendar;

import java.util.GregorianCalendar;

import java.awt.Color;

import java.text.SimpleDateFormat;

import java.util.Random;

public class Cafe\_Management\_System extends javax.swing.JFrame {

double []drink = new double [5];

double []cake = new double [5];

double []cost = new double [3];

double []i= new double [20];

double []Totals = new double[3];

/\*\* Creates new form Cafe\_Management\_System \*/

public Cafe\_Management\_System() {

initComponents();

jPanel3.setVisible(false);

jPanel1.setVisible(false);

jPanel5.setVisible(false);

jPanel6.setVisible(false);

jPanel7.setVisible(false);

}

/\*\* 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();

jchkCoffeeCake = new javax.swing.JCheckBox();

jchkBlackForest = new javax.swing.JCheckBox();

jchkVelvetCake = new javax.swing.JCheckBox();

jchkFruitCake = new javax.swing.JCheckBox();

jchkQueenCake = new javax.swing.JCheckBox();

jtxtCoffeeCake = new javax.swing.JTextField();

jtxtBlackForest = new javax.swing.JTextField();

jtxtVelvetCake = new javax.swing.JTextField();

jtxtFruitCake = new javax.swing.JTextField();

jtxtQueenCake = new javax.swing.JTextField();

jPanel2 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jPanel3 = new javax.swing.JPanel();

jchkCappuccino = new javax.swing.JCheckBox();

jchkIcedCappuccino = new javax.swing.JCheckBox();

jchkEspresso = new javax.swing.JCheckBox();

jchkLattle = new javax.swing.JCheckBox();

jchkIcedLattle = new javax.swing.JCheckBox();

jtxtCappuccino = new javax.swing.JTextField();

jtxtIcedCappuccino = new javax.swing.JTextField();

jtxtEspresso = new javax.swing.JTextField();

jtxtLattle = new javax.swing.JTextField();

jtxtIcedLattle = new javax.swing.JTextField();

jPanel5 = new javax.swing.JPanel();

CostOfDrinks = new javax.swing.JLabel();

CostOfCakes = new javax.swing.JLabel();

ServiceCharge = new javax.swing.JLabel();

jlblCostOfCakes = new javax.swing.JLabel();

jlblCostOfDrinks = new javax.swing.JLabel();

jlblServiceCharge = new javax.swing.JLabel();

jPanel6 = new javax.swing.JPanel();

jbtnTotal = new javax.swing.JButton();

Exit = new javax.swing.JButton();

Reset = new javax.swing.JButton();

Receipt = new javax.swing.JButton();

jScrollPane1 = new javax.swing.JScrollPane();

jtxtReceipt = new javax.swing.JTextArea();

jPanel7 = new javax.swing.JPanel();

Tax = new javax.swing.JLabel();

SubTotal = new javax.swing.JLabel();

Total = new javax.swing.JLabel();

jlblTotal = new javax.swing.JLabel();

jlblSubTotal = new javax.swing.JLabel();

jlblTax = new javax.swing.JLabel();

jlblUsername = new javax.swing.JLabel();

jlblPassword = new javax.swing.JLabel();

jtxtUsername = new javax.swing.JTextField();

jbtnOk = new javax.swing.JButton();

jtxtPassword = new javax.swing.JTextField();

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

jPanel1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));

jchkCoffeeCake.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkCoffeeCake.setText("Coffee Cake");

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

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

jchkCoffeeCakeMouseClicked(evt);

}

});

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

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

jchkCoffeeCakeActionPerformed(evt);

}

});

jchkBlackForest.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkBlackForest.setText("Black Forest");

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

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

jchkBlackForestMouseClicked(evt);

}

});

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

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

jchkBlackForestActionPerformed(evt);

}

});

jchkVelvetCake.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkVelvetCake.setText("Velvet Cake");

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

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

jchkVelvetCakeMouseClicked(evt);

}

});

jchkFruitCake.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkFruitCake.setText("Fruit Cake");

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

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

jchkFruitCakeMouseClicked(evt);

}

});

jchkQueenCake.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkQueenCake.setText("Queen Cake");

jchkQueenCake.setActionCommand("QueenCake");

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

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

jchkQueenCakeMouseClicked(evt);

}

});

jtxtCoffeeCake.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtCoffeeCake.setText("0");

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

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

jtxtCoffeeCakeMouseClicked(evt);

}

});

jtxtBlackForest.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtBlackForest.setText("0");

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

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

jtxtBlackForestMouseClicked(evt);

}

});

jtxtVelvetCake.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtVelvetCake.setText("0");

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

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

jtxtVelvetCakeMouseClicked(evt);

}

});

jtxtFruitCake.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtFruitCake.setText("0");

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

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

jtxtFruitCakeMouseClicked(evt);

}

});

jtxtQueenCake.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtQueenCake.setText("0");

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

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

jtxtQueenCakeMouseClicked(evt);

}

});

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

jPanel1.setLayout(jPanel1Layout);

jPanel1Layout.setHorizontalGroup(

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

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

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

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jchkQueenCake)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 33, Short.MAX\_VALUE)

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

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

.addComponent(jchkBlackForest)

.addGap(39, 39, 39)

.addComponent(jtxtBlackForest, javax.swing.GroupLayout.DEFAULT\_SIZE, 45, Short.MAX\_VALUE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addComponent(jchkCoffeeCake)

.addGap(39, 39, 39)

.addComponent(jtxtCoffeeCake, javax.swing.GroupLayout.DEFAULT\_SIZE, 45, Short.MAX\_VALUE))

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

.addContainerGap()

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

.addComponent(jchkVelvetCake)

.addComponent(jchkFruitCake))

.addGap(33, 33, 33)

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

.addComponent(jtxtFruitCake, javax.swing.GroupLayout.DEFAULT\_SIZE, 45, Short.MAX\_VALUE)

.addComponent(jtxtVelvetCake, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 45, Short.MAX\_VALUE))))

.addGap(68, 68, 68))

);

jPanel1Layout.setVerticalGroup(

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

.addGroup(jPanel1Layout.createSequentialGroup()

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

.addComponent(jchkCoffeeCake)

.addComponent(jtxtCoffeeCake, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jchkBlackForest)

.addComponent(jtxtBlackForest, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(21, 21, 21)

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

.addComponent(jtxtVelvetCake, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jchkVelvetCake))

.addGap(18, 18, 18)

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

.addComponent(jchkFruitCake)

.addComponent(jtxtFruitCake, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

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

.addComponent(jchkQueenCake)

.addComponent(jtxtQueenCake, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(71, Short.MAX\_VALUE))

);

jPanel2.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 36));

jLabel1.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jLabel1.setText("CAFE MANAGEMENT SYSTEMS.");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(76, 76, 76)

.addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 590, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(234, Short.MAX\_VALUE))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT\_SIZE, 60, Short.MAX\_VALUE)

.addContainerGap())

);

jPanel3.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));

jchkCappuccino.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkCappuccino.setText("Cappuccino");

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

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

jchkCappuccinoMouseClicked(evt);

}

});

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

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

jchkCappuccinoActionPerformed(evt);

}

});

jchkIcedCappuccino.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkIcedCappuccino.setText("Iced Cappuccino");

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

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

jchkIcedCappuccinoMouseClicked(evt);

}

});

jchkEspresso.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkEspresso.setText("Espresso");

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

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

jchkEspressoMouseClicked(evt);

}

});

jchkLattle.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkLattle.setText("Lattle");

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

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

jchkLattleMouseClicked(evt);

}

});

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

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

jchkLattleActionPerformed(evt);

}

});

jchkIcedLattle.setFont(new java.awt.Font("Times New Roman", 1, 14));

jchkIcedLattle.setText("Iced Lattle");

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

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

jchkIcedLattleMouseClicked(evt);

}

});

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

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

jchkIcedLattleActionPerformed(evt);

}

});

jtxtCappuccino.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtCappuccino.setText("0");

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

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

jtxtCappuccinoMouseClicked(evt);

}

});

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

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

jtxtCappuccinoActionPerformed(evt);

}

});

jtxtIcedCappuccino.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtIcedCappuccino.setText("0");

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

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

jtxtIcedCappuccinoMouseClicked(evt);

}

});

jtxtEspresso.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtEspresso.setText("0");

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

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

jtxtEspressoMouseClicked(evt);

}

});

jtxtLattle.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtLattle.setText("0");

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

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

jtxtLattleMouseClicked(evt);

}

});

jtxtIcedLattle.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jtxtIcedLattle.setText("0");

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

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

jtxtIcedLattleMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);

jPanel3.setLayout(jPanel3Layout);

jPanel3Layout.setHorizontalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jchkCappuccino)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel3Layout.createSequentialGroup()

.addComponent(jchkIcedLattle)

.addGap(67, 67, 67)

.addComponent(jtxtIcedLattle))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel3Layout.createSequentialGroup()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jchkLattle)

.addComponent(jchkIcedCappuccino)

.addComponent(jchkEspresso))

.addGap(35, 35, 35)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jtxtLattle)

.addComponent(jtxtIcedCappuccino)

.addComponent(jtxtCappuccino, javax.swing.GroupLayout.DEFAULT\_SIZE, 48, Short.MAX\_VALUE)

.addComponent(jtxtEspresso, javax.swing.GroupLayout.PREFERRED\_SIZE, 48, javax.swing.GroupLayout.PREFERRED\_SIZE)))))

.addGap(19, 19, 19))

);

jPanel3Layout.setVerticalGroup(

jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel3Layout.createSequentialGroup()

.addGap(16, 16, 16)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jchkCappuccino)

.addComponent(jtxtCappuccino, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jchkIcedCappuccino)

.addComponent(jtxtIcedCappuccino, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jchkEspresso)

.addComponent(jtxtEspresso, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jchkLattle)

.addComponent(jtxtLattle, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jchkIcedLattle)

.addComponent(jtxtIcedLattle, javax.swing.GroupLayout.PREFERRED\_SIZE, 20, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap(56, Short.MAX\_VALUE))

);

jPanel5.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));

CostOfDrinks.setFont(new java.awt.Font("Times New Roman", 1, 14));

CostOfDrinks.setText("Cost Of Drinks");

CostOfCakes.setFont(new java.awt.Font("Times New Roman", 1, 14));

CostOfCakes.setText("Cost Of Cakes");

ServiceCharge.setFont(new java.awt.Font("Times New Roman", 1, 14));

ServiceCharge.setText("Service Charge");

jlblCostOfCakes.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jlblCostOfCakes.setText("0");

jlblCostOfCakes.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jlblCostOfDrinks.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jlblCostOfDrinks.setText("0");

jlblCostOfDrinks.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jlblServiceCharge.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jlblServiceCharge.setText("20.0");

jlblServiceCharge.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);

jPanel5.setLayout(jPanel5Layout);

jPanel5Layout.setHorizontalGroup(

jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel5Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(CostOfCakes, javax.swing.GroupLayout.DEFAULT\_SIZE, 103, Short.MAX\_VALUE)

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

.addComponent(CostOfDrinks))

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

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jlblCostOfDrinks, javax.swing.GroupLayout.DEFAULT\_SIZE, 87, Short.MAX\_VALUE)

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(jlblServiceCharge, javax.swing.GroupLayout.DEFAULT\_SIZE, 87, Short.MAX\_VALUE)

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

.addContainerGap(27, Short.MAX\_VALUE))

);

jPanel5Layout.setVerticalGroup(

jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel5Layout.createSequentialGroup()

.addContainerGap(19, Short.MAX\_VALUE)

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(CostOfDrinks, javax.swing.GroupLayout.PREFERRED\_SIZE, 21, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jlblCostOfDrinks, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(CostOfCakes)

.addComponent(jlblCostOfCakes, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(10, 10, 10)

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(ServiceCharge)

.addComponent(jlblServiceCharge, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addContainerGap())

);

jPanel6.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));

jbtnTotal.setFont(new java.awt.Font("Times New Roman", 1, 14));

jbtnTotal.setText("Total");

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

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

jbtnTotalActionPerformed(evt);

}

});

Exit.setFont(new java.awt.Font("Times New Roman", 1, 14));

Exit.setText("Exit");

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

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

ExitActionPerformed(evt);

}

});

Reset.setFont(new java.awt.Font("Times New Roman", 1, 14));

Reset.setText("Reset");

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

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

ResetActionPerformed(evt);

}

});

Receipt.setFont(new java.awt.Font("Times New Roman", 1, 14));

Receipt.setText("Receipt");

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

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

ReceiptActionPerformed(evt);

}

});

jtxtReceipt.setColumns(20);

jtxtReceipt.setEditable(false);

jtxtReceipt.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N

jtxtReceipt.setRows(5);

jScrollPane1.setViewportView(jtxtReceipt);

javax.swing.GroupLayout jPanel6Layout = new javax.swing.GroupLayout(jPanel6);

jPanel6.setLayout(jPanel6Layout);

jPanel6Layout.setHorizontalGroup(

jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel6Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jScrollPane1, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 312, Short.MAX\_VALUE)

.addGroup(javax.swing.GroupLayout.Alignment.LEADING, jPanel6Layout.createSequentialGroup()

.addComponent(jbtnTotal)

.addGap(18, 18, 18)

.addComponent(Receipt)

.addGap(18, 18, 18)

.addComponent(Reset)

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

.addComponent(Exit)))

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

);

jPanel6Layout.setVerticalGroup(

jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel6Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 440, Short.MAX\_VALUE)

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

.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jbtnTotal)

.addComponent(Receipt)

.addComponent(Reset)

.addComponent(Exit))

.addContainerGap())

);

jPanel7.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0), 2));

Tax.setFont(new java.awt.Font("Times New Roman", 1, 14));

Tax.setText("Tax");

SubTotal.setFont(new java.awt.Font("Times New Roman", 1, 14));

SubTotal.setText("Sub-Total");

Total.setFont(new java.awt.Font("Times New Roman", 1, 14));

Total.setText("Total");

jlblTotal.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jlblTotal.setText("0");

jlblTotal.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jlblSubTotal.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jlblSubTotal.setText("0");

jlblSubTotal.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

jlblTax.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

jlblTax.setText("0");

jlblTax.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

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

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

jlblTaxMouseClicked(evt);

}

});

javax.swing.GroupLayout jPanel7Layout = new javax.swing.GroupLayout(jPanel7);

jPanel7.setLayout(jPanel7Layout);

jPanel7Layout.setHorizontalGroup(

jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel7Layout.createSequentialGroup()

.addContainerGap()

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(Total)

.addComponent(SubTotal)

.addComponent(Tax))

.addGap(55, 55, 55)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

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

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

.addComponent(jlblTax, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 91, Short.MAX\_VALUE))

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

);

jPanel7Layout.setVerticalGroup(

jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel7Layout.createSequentialGroup()

.addGap(12, 12, 12)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(Tax)

.addComponent(jlblTax, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(SubTotal)

.addComponent(jlblSubTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel7Layout.createSequentialGroup()

.addGap(12, 12, 12)

.addComponent(Total))

.addGroup(jPanel7Layout.createSequentialGroup()

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

.addComponent(jlblTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, 26, javax.swing.GroupLayout.PREFERRED\_SIZE)))

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

);

jlblUsername.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

jlblUsername.setText("Username");

jlblPassword.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

jlblPassword.setText("Password");

jtxtUsername.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N

jtxtUsername.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

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

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

jtxtUsernameActionPerformed(evt);

}

});

jbtnOk.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

jbtnOk.setText("OK");

jbtnOk.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

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

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

jbtnOkActionPerformed(evt);

}

});

jtxtPassword.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N

jtxtPassword.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0)));

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

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

jtxtPasswordActionPerformed(evt);

}

});

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

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

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

.addComponent(jPanel2, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGroup(layout.createSequentialGroup()

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

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

.addGap(22, 22, 22)

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

.addComponent(jlblUsername, javax.swing.GroupLayout.PREFERRED\_SIZE, 74, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jlblPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 60, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

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

.addComponent(jtxtPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 165, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jtxtUsername, javax.swing.GroupLayout.PREFERRED\_SIZE, 165, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(107, 107, 107)

.addComponent(jbtnOk, javax.swing.GroupLayout.PREFERRED\_SIZE, 49, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(115, 115, 115))

.addGroup(layout.createSequentialGroup()

.addGap(4, 4, 4)

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

.addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 237, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

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

.addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(28, 28, 28)))

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

.addComponent(jPanel6, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)))

.addContainerGap())

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addContainerGap()

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addGroup(layout.createSequentialGroup()

.addGap(23, 23, 23)

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

.addGroup(layout.createSequentialGroup()

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

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

.addComponent(jlblUsername, javax.swing.GroupLayout.PREFERRED\_SIZE, 23, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(20, 20, 20)

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

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

.addComponent(jlblPassword, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGap(10, 10, 10)

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

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

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

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addGap(8, 8, 8))

.addGroup(layout.createSequentialGroup()

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

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

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

.addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addGroup(layout.createSequentialGroup()

.addGap(18, 18, 18)

.addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))

.addContainerGap())

);

pack();

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

private void ResetActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_ResetActionPerformed

jlblCostOfDrinks.setText("0");

jlblCostOfCakes.setText("0");

jlblTax.setText("0");

jlblSubTotal.setText("0");

jlblTotal.setText("0");

jtxtCappuccino.setText("0");

jtxtIcedCappuccino.setText("0");

jtxtEspresso.setText("0");

jtxtLattle.setText("0");

jtxtIcedLattle.setText("0");

jtxtCoffeeCake.setText("0");

jtxtBlackForest.setText("0");

jtxtVelvetCake.setText("0");

jtxtReceipt.setText(null);

jtxtQueenCake.setText("0");

jtxtFruitCake.setText("0");

jchkCappuccino.setSelected(false);

jchkIcedCappuccino.setSelected(false);

jchkEspresso.setSelected(false);

jchkLattle.setSelected(false);

jchkIcedLattle.setSelected(false);

jchkCoffeeCake.setSelected(false);

jchkBlackForest.setSelected(false);

jchkVelvetCake.setSelected(false);

jchkQueenCake.setSelected(false);

jchkFruitCake.setSelected(false);

}//GEN-LAST:event\_ResetActionPerformed

private void jchkIcedLattleActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jchkIcedLattleActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_jchkIcedLattleActionPerformed

private void jchkCoffeeCakeActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jchkCoffeeCakeActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_jchkCoffeeCakeActionPerformed

private void jchkBlackForestActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jchkBlackForestActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_jchkBlackForestActionPerformed

private void ReceiptActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_ReceiptActionPerformed

drink[0]= Double.parseDouble(jtxtCappuccino.getText());

drink[1]= Double.parseDouble(jtxtIcedCappuccino.getText());

drink[2]= Double.parseDouble(jtxtEspresso.getText());

drink[3]= Double.parseDouble(jtxtLattle.getText());

drink[4]= Double.parseDouble(jtxtIcedLattle.getText());

cake[0]= Double.parseDouble(jtxtCoffeeCake.getText());

cake[1]= Double.parseDouble(jtxtBlackForest.getText());

cake[2]= Double.parseDouble(jtxtVelvetCake.getText());

cake[3]= Double.parseDouble(jtxtFruitCake.getText());

cake[4]= Double.parseDouble(jtxtQueenCake.getText());

cost[0]= Double.parseDouble(jlblTax.getText());

cost[1]= Double.parseDouble(jlblSubTotal.getText());

cost[2]= Double.parseDouble(jlblTotal.getText());

//============================================

int refs = 0001 + (int)(Math.random() \* 1000);

//int ref = (refs);

//============================================

Calendar timer = Calendar.getInstance();

timer.getTime();

SimpleDateFormat tTime = new SimpleDateFormat("HH:mm:ss");

tTime.format(timer.getTime());

SimpleDateFormat Tdate = new SimpleDateFormat("dd-MMM-yyyy");

Tdate.format(timer.getTime());

//============================================

jtxtReceipt.append(" \t\n PETRINS HOTEL SYSTEM:\n\n" +

"Reference:\t\t\t" + refs +

"\n====================================\t" +

"\nCappuccino:\t\t" + drink[0] +

"\nIced Cappuccino:\t" + drink[1] +

"\nEspresso:\t\t" + drink[2] +

"\nLattle:\t\t" + drink[3] +

"\nIced Lattle:\t\t" + drink[4] +

"\n====================================\t\t" +

"\nCoffee Cake:\t\t "+ cake[0] +

"\nBlack Forest:\t\t "+ cake[1] +

"\nVelvet Cake:\t\t "+ cake[2] +

"\nFruit Cake:\t\t "+ cake[3] +

"\nQueen Cake:\t\t "+ cake[4] +

"\n====================================\t" +

"\nTax:\t\t Shs"+ cost[0] +

"\nSub Total:\t\t Shs"+ cost[1] +

"\nTotal:\t\t Shs"+ cost[2] +

"\n====================================\t" +

"\n\nDate: "+ Tdate.format(timer.getTime()) +

"\tTime: " + tTime.format(timer.getTime()) +

"\n\n You were served by " +jtxtUsername.getText() +

"\n\n\tTHANK YOU.\n");

}//GEN-LAST:event\_ReceiptActionPerformed

private void ExitActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_ExitActionPerformed

System.exit(0);

}//GEN-LAST:event\_ExitActionPerformed

private void jchkLattleActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jchkLattleActionPerformed

}//GEN-LAST:event\_jchkLattleActionPerformed

private void jchkCappuccinoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkCappuccinoMouseClicked

double cCappuccino =Double.parseDouble(jlblCostOfDrinks.getText());

double Cappuccino = Double.parseDouble(jtxtCappuccino.getText());

double iCappuccino = 50.0;

if (jchkCappuccino.isSelected());

{ i[0]= (Cappuccino \* iCappuccino) + cCappuccino;

String pDrink = String.format("%.1f", i[0]);

jlblCostOfDrinks.setText(pDrink);

}//GEN-LAST:event\_jchkCappuccinoMouseClicked

}

private void jchkLattleMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkLattleMouseClicked

double cLattle =Double.parseDouble(jlblCostOfDrinks.getText());

double Lattle = Double.parseDouble(jtxtLattle.getText());

double iLattle = 40.0;

if (jchkLattle.isSelected());

{ i[3]= (Lattle \* iLattle) + cLattle;

String pDrink = String.format("%.1f", i[3]);

jlblCostOfDrinks.setText(pDrink);

}

}//GEN-LAST:event\_jchkLattleMouseClicked

private void jchkCappuccinoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jchkCappuccinoActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_jchkCappuccinoActionPerformed

private void jchkIcedCappuccinoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkIcedCappuccinoMouseClicked

double cIcedCappuccino =Double.parseDouble(jlblCostOfDrinks.getText());

double IcedCappuccino = Double.parseDouble(jtxtIcedCappuccino.getText());

double iIcedCappuccino = 50.0;

if (jchkIcedCappuccino.isSelected());

{ i[1]= (IcedCappuccino \* iIcedCappuccino) + cIcedCappuccino;

String pDrink = String.format("%.1f", i[1]);

jlblCostOfDrinks.setText(pDrink);

}

}//GEN-LAST:event\_jchkIcedCappuccinoMouseClicked

private void jchkEspressoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkEspressoMouseClicked

double cEspresso =Double.parseDouble(jlblCostOfDrinks.getText());

double Espresso = Double.parseDouble(jtxtEspresso.getText());

double iEspresso = 70.0;

if (jchkEspresso.isSelected());

{ i[2]= (Espresso \* iEspresso) + cEspresso;

String pDrink = String.format("%.1f", i[2]);

jlblCostOfDrinks.setText(pDrink);

}

}//GEN-LAST:event\_jchkEspressoMouseClicked

private void jchkIcedLattleMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkIcedLattleMouseClicked

double cIcedLattle =Double.parseDouble(jlblCostOfDrinks.getText());

double IcedLattle = Double.parseDouble(jtxtIcedLattle.getText());

double iIcedLattle = 40.0;

if (jchkIcedLattle.isSelected());

{ i[4]= (IcedLattle \* iIcedLattle) + cIcedLattle;

String pDrink = String.format("%.1f", i[4]);

jlblCostOfDrinks.setText(pDrink);

}

}//GEN-LAST:event\_jchkIcedLattleMouseClicked

private void jchkCoffeeCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkCoffeeCakeMouseClicked

double cCoffeeCake =Double.parseDouble(jlblCostOfCakes.getText());

double CoffeeCake= Double.parseDouble(jtxtCoffeeCake.getText());

double iCoffeeCake = 100.0;

if (jchkCoffeeCake.isSelected());

{ i[5]= (CoffeeCake \* iCoffeeCake) + cCoffeeCake;

String pCoffeeCake = String.format("%.1f", i[5]);

jlblCostOfCakes.setText(pCoffeeCake);

}

}//GEN-LAST:event\_jchkCoffeeCakeMouseClicked

private void jchkBlackForestMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkBlackForestMouseClicked

double cBlackForest =Double.parseDouble(jlblCostOfCakes.getText());

double BlackForest= Double.parseDouble(jtxtBlackForest.getText());

double iBlackForest = 120.0;

if (jchkCoffeeCake.isSelected());

{ i[6]= (BlackForest \* iBlackForest) + cBlackForest;

String pBlackForest = String.format("%.1f", i[6]);

jlblCostOfCakes.setText(pBlackForest);

}

}//GEN-LAST:event\_jchkBlackForestMouseClicked

private void jchkVelvetCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkVelvetCakeMouseClicked

double cVelvetCake =Double.parseDouble(jlblCostOfCakes.getText());

double VelvetCake= Double.parseDouble(jtxtVelvetCake.getText());

double iVelvetCake = 150.0;

if (jchkVelvetCake.isSelected());

{ i[7]= (VelvetCake \* iVelvetCake) + cVelvetCake;

String pVelvetCake = String.format("%.1f", i[7]);

jlblCostOfCakes.setText(pVelvetCake);

}

}//GEN-LAST:event\_jchkVelvetCakeMouseClicked

private void jchkFruitCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkFruitCakeMouseClicked

double cFruitCake =Double.parseDouble(jlblCostOfCakes.getText());

double FruitCake= Double.parseDouble(jtxtFruitCake.getText());

double iFruitCake = 80.0;

if (jchkVelvetCake.isSelected());

{ i[8]= (FruitCake \* iFruitCake) + cFruitCake;

String pFruitCake = String.format("%.1f", i[8]);

jlblCostOfCakes.setText(pFruitCake);

}

}//GEN-LAST:event\_jchkFruitCakeMouseClicked

private void jchkQueenCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jchkQueenCakeMouseClicked

double cQueenCake =Double.parseDouble(jlblCostOfCakes.getText());

double QueenCake= Double.parseDouble(jtxtQueenCake.getText());

double iQueenCake = 50.0;

if (jchkVelvetCake.isSelected());

{ i[9]= (QueenCake \* iQueenCake) + cQueenCake;

String pQueenCake = String.format("%.1f", i[9]);

jlblCostOfCakes.setText(pQueenCake);

}

}//GEN-LAST:event\_jchkQueenCakeMouseClicked

private void jbtnTotalActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jbtnTotalActionPerformed

Totals[0]= Double.parseDouble(jlblCostOfDrinks.getText());

Totals[1]= Double.parseDouble(jlblCostOfCakes.getText());

Totals[2]= Double.parseDouble(jlblServiceCharge.getText());

double cTotal = (Totals[0] + Totals[1] + Totals [2]);

String iTax = String.format("%.2f", cTotal/100);

jlblTax.setText(iTax);

double subTotal = (cTotal);

String iSubTotal = String.format("%.2f", subTotal);

jlblSubTotal.setText(iSubTotal);

double allTotal =(cTotal);

String iTotal = String.format("%.2f", allTotal + (allTotal/100));

jlblTotal.setText(iTotal);

}//GEN-LAST:event\_jbtnTotalActionPerformed

private void jtxtCappuccinoActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jtxtCappuccinoActionPerformed

// TODO add your handling code here:

}//GEN-LAST:event\_jtxtCappuccinoActionPerformed

private void jtxtCappuccinoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtCappuccinoMouseClicked

jtxtCappuccino.setText(null);

}//GEN-LAST:event\_jtxtCappuccinoMouseClicked

private void jtxtIcedCappuccinoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtIcedCappuccinoMouseClicked

jtxtIcedCappuccino.setText(null);

}//GEN-LAST:event\_jtxtIcedCappuccinoMouseClicked

private void jtxtEspressoMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtEspressoMouseClicked

jtxtEspresso.setText(null);

}//GEN-LAST:event\_jtxtEspressoMouseClicked

private void jtxtLattleMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtLattleMouseClicked

jtxtLattle.setText(null);

}//GEN-LAST:event\_jtxtLattleMouseClicked

private void jtxtIcedLattleMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtIcedLattleMouseClicked

jtxtIcedLattle.setText(null);

}//GEN-LAST:event\_jtxtIcedLattleMouseClicked

private void jtxtCoffeeCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtCoffeeCakeMouseClicked

jtxtCoffeeCake.setText(null);

}//GEN-LAST:event\_jtxtCoffeeCakeMouseClicked

private void jtxtBlackForestMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtBlackForestMouseClicked

jtxtBlackForest.setText(null);

}//GEN-LAST:event\_jtxtBlackForestMouseClicked

private void jtxtVelvetCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtVelvetCakeMouseClicked

jtxtVelvetCake.setText(null);

}//GEN-LAST:event\_jtxtVelvetCakeMouseClicked

private void jtxtFruitCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtFruitCakeMouseClicked

jtxtFruitCake.setText(null);

}//GEN-LAST:event\_jtxtFruitCakeMouseClicked

private void jtxtQueenCakeMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jtxtQueenCakeMouseClicked

jtxtQueenCake.setText(null);

}//GEN-LAST:event\_jtxtQueenCakeMouseClicked

private void jlblTaxMouseClicked(java.awt.event.MouseEvent evt) {//GEN-FIRST:event\_jlblTaxMouseClicked

// TODO add your handling code here:

}//GEN-LAST:event\_jlblTaxMouseClicked

private void jtxtUsernameActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jtxtUsernameActionPerformed

}//GEN-LAST:event\_jtxtUsernameActionPerformed

private void jtxtPasswordActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jtxtPasswordActionPerformed

}//GEN-LAST:event\_jtxtPasswordActionPerformed

private void jbtnOkActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jbtnOkActionPerformed

jPanel3.setVisible(true);

jPanel1.setVisible(true);

jPanel5.setVisible(true);

jPanel6.setVisible(true);

jPanel7.setVisible(true);

jlblUsername.setVisible(false);

jlblPassword.setVisible(false);

jtxtUsername.setVisible(false);

jtxtPassword.setVisible(false);

jbtnOk.setVisible(false);

}//GEN-LAST:event\_jbtnOkActionPerformed

/\*\*

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

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Cafe\_Management\_System.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Cafe\_Management\_System.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Cafe\_Management\_System.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 Cafe\_Management\_System().setVisible(true);

}

});

}

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

private javax.swing.JLabel CostOfCakes;

private javax.swing.JLabel CostOfDrinks;

private javax.swing.JButton Exit;

private javax.swing.JButton Receipt;

private javax.swing.JButton Reset;

private javax.swing.JLabel ServiceCharge;

private javax.swing.JLabel SubTotal;

private javax.swing.JLabel Tax;

private javax.swing.JLabel Total;

private javax.swing.JLabel jLabel1;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

private javax.swing.JPanel jPanel5;

private javax.swing.JPanel jPanel6;

private javax.swing.JPanel jPanel7;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JButton jbtnOk;

private javax.swing.JButton jbtnTotal;

private javax.swing.JCheckBox jchkBlackForest;

private javax.swing.JCheckBox jchkCappuccino;

private javax.swing.JCheckBox jchkCoffeeCake;

private javax.swing.JCheckBox jchkEspresso;

private javax.swing.JCheckBox jchkFruitCake;

private javax.swing.JCheckBox jchkIcedCappuccino;

private javax.swing.JCheckBox jchkIcedLattle;

private javax.swing.JCheckBox jchkLattle;

private javax.swing.JCheckBox jchkQueenCake;

private javax.swing.JCheckBox jchkVelvetCake;

private javax.swing.JLabel jlblCostOfCakes;

private javax.swing.JLabel jlblCostOfDrinks;

private javax.swing.JLabel jlblPassword;

private javax.swing.JLabel jlblServiceCharge;

private javax.swing.JLabel jlblSubTotal;

private javax.swing.JLabel jlblTax;

private javax.swing.JLabel jlblTotal;

private javax.swing.JLabel jlblUsername;

private javax.swing.JTextField jtxtBlackForest;

private javax.swing.JTextField jtxtCappuccino;

private javax.swing.JTextField jtxtCoffeeCake;

private javax.swing.JTextField jtxtEspresso;

private javax.swing.JTextField jtxtFruitCake;

private javax.swing.JTextField jtxtIcedCappuccino;

private javax.swing.JTextField jtxtIcedLattle;

private javax.swing.JTextField jtxtLattle;

private javax.swing.JTextField jtxtPassword;

private javax.swing.JTextField jtxtQueenCake;

private javax.swing.JTextArea jtxtReceipt;

private javax.swing.JTextField jtxtUsername;

private javax.swing.JTextField jtxtVelvetCake;

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

}