/\*

 \* 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

}