**Week 2: Programming Practice**



**CODE:**

package presentation;

import business.PizzaOrder;

import javax.swing.JOptionPane;

public class Pizza\_Frame extends javax.swing.JFrame {

 private PizzaOrder aOrder = null;

 public Pizza\_Frame() {

 initComponents();

 super.setLocationRelativeTo(null);

 newOrder();

 }

 private void newOrder() {

 aOrder = new PizzaOrder();

 clearItems();

 }

 private void setSubTotal() {

 lblSubTotal.setText(aOrder.getTotalCost());

 }

 private void clearItems() {

 txtFirstName.setText("");

 //TODO: set the last name text to an empty string

 txtLastName.setText("");

 //TODO: set the large size radio button to true

 radLarge.setSelected(true);

 chkExtraCheese.setSelected(false);

 //TODO: set the sausage and ham check boxes to unchecked

 chkSausage.setSelected(false);

 chkHam.setSelected((false));

 //TODO: set the output field text area to empay

 txtOrderSummary.setText("");

 aOrder.clearOrder();

 }

 private void submitOrder() {

 StringBuilder str = new StringBuilder();

 str.append("Order submitted\n");

 str.append (aOrder.getOrderInformation());

 //TODO: set the output field text area str.ToString() to get the output

 txtOrderSummary.setText(str.toString());

 }

 private void setSize(PizzaOrder.PizzaSize size) {

 aOrder.setPizzaSize(size);

 setSubTotal();

 }

 private void setCheese() {

 if (chkExtraCheese.isSelected()) {

 aOrder.setCheese(true);

 }

 else {

 aOrder.setCheese(false);

 }

 setSubTotal();

 }

 private void setSausage() {

 //TODO: set the sausage value

 if (chkSausage.isSelected()) {

 aOrder.setSausage(true);

 }

 else {

 aOrder.setSausage(false);

 }

 setSubTotal();

 }

 private void setHam() {

 //TODO: set the ham value

 if (chkHam.isSelected()) {

 aOrder.setHam(true);

 }

 else {

 aOrder.setHam(false);

 }

 setSubTotal();

 }

 private void terminateApplication() {

 int response = JOptionPane.NO\_OPTION;

 String prompt = "Do you want to quit the pizza program?";

 String title = "Quit Pizza Program";

 response = JOptionPane.showConfirmDialog(null, prompt, title,

 JOptionPane.OK\_CANCEL\_OPTION,

 JOptionPane.QUESTION\_MESSAGE);

 if(response == JOptionPane.YES\_OPTION) {

 System.exit(0);

 }

 }

 /\*\*

 \* 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() {

 grpSize = new javax.swing.ButtonGroup();

 lblWelcome = new javax.swing.JLabel();

 jLabel1 = new javax.swing.JLabel();

 pnlPerson = new javax.swing.JPanel();

 jLabel2 = new javax.swing.JLabel();

 txtFirstName = new javax.swing.JTextField();

 jLabel3 = new javax.swing.JLabel();

 txtLastName = new javax.swing.JTextField();

 pnlSize = new javax.swing.JPanel();

 radSmall = new javax.swing.JRadioButton();

 radMedium = new javax.swing.JRadioButton();

 radLarge = new javax.swing.JRadioButton();

 pnlToppings = new javax.swing.JPanel();

 chkExtraCheese = new javax.swing.JCheckBox();

 chkSausage = new javax.swing.JCheckBox();

 chkHam = new javax.swing.JCheckBox();

 btnClearItems = new javax.swing.JButton();

 pnlOutput = new javax.swing.JPanel();

 jPanel123 = new javax.swing.JScrollPane();

 txtOrderSummary = new javax.swing.JTextArea();

 btnExit = new javax.swing.JButton();

 btnNew = new javax.swing.JButton();

 lblTotal = new javax.swing.JLabel();

 lblSubTotal = new javax.swing.JLabel();

 btnSubmit = new javax.swing.JButton();

 jMenuBar1 = new javax.swing.JMenuBar();

 mnuFile = new javax.swing.JMenu();

 mnuExit = new javax.swing.JMenuItem();

 mnuOrder = new javax.swing.JMenu();

 mnuSubmitOrder = new javax.swing.JMenuItem();

 mnuClearItems = new javax.swing.JMenuItem();

 mnuNew = new javax.swing.JMenuItem();

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

 setTitle("Best Pizza Order");

 lblWelcome.setFont(new java.awt.Font("Arial", 3, 24)); // NOI18N

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

 lblWelcome.setText("Welcome to Best Pizza!");

 lblWelcome.setName("lblWelcome"); // NOI18N

 jLabel1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

 jLabel1.setText("Please enter your name and select your ordering options:");

 pnlPerson.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Customer Information", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Tahoma", 1, 11), new java.awt.Color(51, 51, 255))); // NOI18N

 jLabel2.setText("First Name:");

 txtFirstName.setToolTipText("Enter your first name");

 txtFirstName.addFocusListener(new java.awt.event.FocusAdapter() {

 public void focusLost(java.awt.event.FocusEvent evt) {

 txtFirstNameFocusLost(evt);

 }

 });

 jLabel3.setText("Last Name:");

 txtLastName.addFocusListener(new java.awt.event.FocusAdapter() {

 public void focusLost(java.awt.event.FocusEvent evt) {

 txtLastNameFocusLost(evt);

 }

 });

 javax.swing.GroupLayout pnlPersonLayout = new javax.swing.GroupLayout(pnlPerson);

 pnlPerson.setLayout(pnlPersonLayout);

 pnlPersonLayout.setHorizontalGroup(

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

 .addGroup(pnlPersonLayout.createSequentialGroup()

 .addContainerGap()

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

 .addComponent(jLabel2)

 .addComponent(jLabel3))

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

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

 .addComponent(txtFirstName, javax.swing.GroupLayout.DEFAULT\_SIZE, 399, Short.MAX\_VALUE)

 .addComponent(txtLastName))

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

 );

 pnlPersonLayout.setVerticalGroup(

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

 .addGroup(pnlPersonLayout.createSequentialGroup()

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

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

 .addComponent(jLabel2)

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

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

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

 .addComponent(jLabel3)

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

 );

 pnlSize.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Pizza Size (please select one)", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Tahoma", 1, 11), new java.awt.Color(51, 51, 255))); // NOI18N

 grpSize.add(radSmall);

 radSmall.setText("Small: $6.99 ");

 radSmall.setToolTipText("Select for small pizza at $6.99");

 radSmall.addItemListener(new java.awt.event.ItemListener() {

 public void itemStateChanged(java.awt.event.ItemEvent evt) {

 radSmallItemStateChanged(evt);

 }

 });

 radMedium.setText("Medium: $9.99");

 radMedium.addItemListener(new java.awt.event.ItemListener() {

 public void itemStateChanged(java.awt.event.ItemEvent evt) {

 radMediumItemStateChanged(evt);

 }

 });

 radLarge.setText("Large: $12.99");

 radLarge.addItemListener(new java.awt.event.ItemListener() {

 public void itemStateChanged(java.awt.event.ItemEvent evt) {

 radLargeItemStateChanged(evt);

 }

 });

 javax.swing.GroupLayout pnlSizeLayout = new javax.swing.GroupLayout(pnlSize);

 pnlSize.setLayout(pnlSizeLayout);

 pnlSizeLayout.setHorizontalGroup(

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

 .addGroup(pnlSizeLayout.createSequentialGroup()

 .addContainerGap()

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

 .addComponent(radSmall)

 .addComponent(radMedium)

 .addComponent(radLarge))

 .addContainerGap(385, Short.MAX\_VALUE))

 );

 pnlSizeLayout.setVerticalGroup(

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

 .addGroup(pnlSizeLayout.createSequentialGroup()

 .addComponent(radSmall)

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

 .addComponent(radMedium)

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

 .addComponent(radLarge)

 .addContainerGap())

 );

 pnlToppings.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Toppings (Select as many as you like)", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Tahoma", 1, 11), new java.awt.Color(51, 51, 255))); // NOI18N

 chkExtraCheese.setText("Extra Cheese: $1.50 ");

 chkExtraCheese.setToolTipText("Select to add extra cheese for $1.50");

 chkExtraCheese.addItemListener(new java.awt.event.ItemListener() {

 public void itemStateChanged(java.awt.event.ItemEvent evt) {

 chkExtraCheeseItemStateChanged(evt);

 }

 });

 chkSausage.setText("Sausage: $2.25");

 chkSausage.addItemListener(new java.awt.event.ItemListener() {

 public void itemStateChanged(java.awt.event.ItemEvent evt) {

 chkSausageItemStateChanged(evt);

 }

 });

 chkHam.setText("Ham: $2.25");

 chkHam.addItemListener(new java.awt.event.ItemListener() {

 public void itemStateChanged(java.awt.event.ItemEvent evt) {

 chkHamItemStateChanged(evt);

 }

 });

 javax.swing.GroupLayout pnlToppingsLayout = new javax.swing.GroupLayout(pnlToppings);

 pnlToppings.setLayout(pnlToppingsLayout);

 pnlToppingsLayout.setHorizontalGroup(

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

 .addGroup(pnlToppingsLayout.createSequentialGroup()

 .addContainerGap()

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

 .addComponent(chkExtraCheese)

 .addComponent(chkSausage)

 .addComponent(chkHam))

 .addContainerGap(365, Short.MAX\_VALUE))

 );

 pnlToppingsLayout.setVerticalGroup(

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

 .addGroup(pnlToppingsLayout.createSequentialGroup()

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

 .addComponent(chkExtraCheese)

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

 .addComponent(chkSausage)

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

 .addComponent(chkHam))

 );

 btnClearItems.setText("Clear Items");

 btnClearItems.setToolTipText("Click to clear all the order items, the order total, and order summary");

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

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

 btnClearItemsActionPerformed(evt);

 }

 });

 pnlOutput.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Your Order Summary", javax.swing.border.TitledBorder.DEFAULT\_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT\_POSITION, new java.awt.Font("Tahoma", 1, 11), new java.awt.Color(51, 51, 255))); // NOI18N

 txtOrderSummary.setColumns(20);

 txtOrderSummary.setRows(5);

 jPanel123.setViewportView(txtOrderSummary);

 javax.swing.GroupLayout pnlOutputLayout = new javax.swing.GroupLayout(pnlOutput);

 pnlOutput.setLayout(pnlOutputLayout);

 pnlOutputLayout.setHorizontalGroup(

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

 .addComponent(jPanel123, javax.swing.GroupLayout.DEFAULT\_SIZE, 514, Short.MAX\_VALUE)

 );

 pnlOutputLayout.setVerticalGroup(

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

 .addComponent(jPanel123, javax.swing.GroupLayout.DEFAULT\_SIZE, 152, Short.MAX\_VALUE)

 );

 btnExit.setText("Exit");

 btnExit.setToolTipText("Click to exit the the Best Pizza order application");

 btnExit.setAutoscrolls(true);

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

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

 btnExitActionPerformed(evt);

 }

 });

 btnNew.setText("New Order");

 btnNew.setToolTipText("Clear all items and start new order");

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

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

 btnNewActionPerformed(evt);

 }

 });

 lblTotal.setFont(new java.awt.Font("Tahoma", 3, 12)); // NOI18N

 lblTotal.setForeground(new java.awt.Color(0, 0, 80));

 lblTotal.setText("Subtotal:");

 lblSubTotal.setFont(new java.awt.Font("Tahoma", 3, 12)); // NOI18N

 lblSubTotal.setForeground(new java.awt.Color(0, 0, 80));

 lblSubTotal.setText("$0");

 btnSubmit.setText("Submit");

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

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

 btnSubmitActionPerformed(evt);

 }

 });

 mnuFile.setText("File");

 mnuExit.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK\_X, java.awt.event.InputEvent.ALT\_MASK));

 mnuExit.setMnemonic('x');

 mnuExit.setText("Exit");

 mnuExit.setToolTipText("Click to exit the application");

 mnuExit.setName("mnuExit"); // NOI18N

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

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

 mnuExitActionPerformed(evt);

 }

 });

 mnuFile.add(mnuExit);

 jMenuBar1.add(mnuFile);

 mnuOrder.setText("Order");

 mnuSubmitOrder.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK\_S, java.awt.event.InputEvent.ALT\_MASK));

 mnuSubmitOrder.setMnemonic('a');

 mnuSubmitOrder.setText("Submit Order");

 mnuSubmitOrder.setToolTipText("Click to add items to order");

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

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

 mnuSubmitOrderActionPerformed(evt);

 }

 });

 mnuOrder.add(mnuSubmitOrder);

 mnuClearItems.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK\_C, java.awt.event.InputEvent.ALT\_MASK));

 mnuClearItems.setText("Clear Items");

 mnuClearItems.setToolTipText("Click to clear ordered items");

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

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

 mnuClearItemsActionPerformed(evt);

 }

 });

 mnuOrder.add(mnuClearItems);

 mnuNew.setAccelerator(javax.swing.KeyStroke.getKeyStroke(java.awt.event.KeyEvent.VK\_N, java.awt.event.InputEvent.ALT\_MASK));

 mnuNew.setText("New Order");

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

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

 mnuNewActionPerformed(evt);

 }

 });

 mnuOrder.add(mnuNew);

 jMenuBar1.add(mnuOrder);

 setJMenuBar(jMenuBar1);

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

 getContentPane().setLayout(layout);

 layout.setHorizontalGroup(

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

 .addGroup(layout.createSequentialGroup()

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

 .addGroup(layout.createSequentialGroup()

 .addGap(14, 14, 14)

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

 .addComponent(jLabel1)

 .addComponent(lblWelcome)

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

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

 .addGroup(layout.createSequentialGroup()

 .addContainerGap()

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

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

 .addGroup(layout.createSequentialGroup()

 .addGap(10, 10, 10)

 .addComponent(lblTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, 67, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

 .addComponent(lblSubTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, 67, javax.swing.GroupLayout.PREFERRED\_SIZE)

 .addGap(42, 42, 42)

 .addComponent(btnSubmit)

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

 .addComponent(btnClearItems, javax.swing.GroupLayout.PREFERRED\_SIZE, 112, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

 .addComponent(btnNew, javax.swing.GroupLayout.PREFERRED\_SIZE, 112, javax.swing.GroupLayout.PREFERRED\_SIZE))))

 .addGroup(layout.createSequentialGroup()

 .addContainerGap()

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

 .addComponent(btnExit, javax.swing.GroupLayout.PREFERRED\_SIZE, 115, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

 .addContainerGap(14, Short.MAX\_VALUE))

 );

 layout.setVerticalGroup(

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

 .addGroup(layout.createSequentialGroup()

 .addComponent(lblWelcome)

 .addGap(18, 18, 18)

 .addComponent(jLabel1)

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

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

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

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

 .addGap(18, 18, 18)

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

 .addGap(5, 5, 5)

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

 .addComponent(lblTotal)

 .addComponent(btnClearItems)

 .addComponent(lblSubTotal)

 .addComponent(btnNew)

 .addComponent(btnSubmit))

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

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

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

 .addComponent(btnExit)

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

 );

 lblWelcome.getAccessibleContext().setAccessibleName("lblWelcome");

 pack();

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

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

 //TODO: call the terminate application method

 System.exit(0);

 }//GEN-LAST:event\_mnuExitActionPerformed

 private void radSmallItemStateChanged(java.awt.event.ItemEvent evt) {//GEN-FIRST:event\_radSmallItemStateChanged

 if (radSmall.isSelected()) {

 setSize(PizzaOrder.PizzaSize.Small);

 radMedium.setSelected(false);

 radLarge.setSelected(false);

 }

 }//GEN-LAST:event\_radSmallItemStateChanged

 private void chkExtraCheeseItemStateChanged(java.awt.event.ItemEvent evt) {//GEN-FIRST:event\_chkExtraCheeseItemStateChanged

 setCheese();

 }//GEN-LAST:event\_chkExtraCheeseItemStateChanged

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

 terminateApplication();

 }//GEN-LAST:event\_btnExitActionPerformed

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

 clearItems();

 }//GEN-LAST:event\_mnuClearItemsActionPerformed

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

 submitOrder();

 }//GEN-LAST:event\_mnuSubmitOrderActionPerformed

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

 newOrder();

 }//GEN-LAST:event\_mnuNewActionPerformed

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

 newOrder();

 }//GEN-LAST:event\_btnNewActionPerformed

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

 clearItems();

 }//GEN-LAST:event\_btnClearItemsActionPerformed

 private void txtFirstNameFocusLost(java.awt.event.FocusEvent evt) {//GEN-FIRST:event\_txtFirstNameFocusLost

 aOrder.setFirstName(txtFirstName.getText());

 }//GEN-LAST:event\_txtFirstNameFocusLost

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

 // TODO add your handling code here:

 submitOrder();

 }//GEN-LAST:event\_btnSubmitActionPerformed

 private void radMediumItemStateChanged(java.awt.event.ItemEvent evt) {//GEN-FIRST:event\_radMediumItemStateChanged

 // TODO add your handling code here:

 if (radMedium.isSelected()) {

 setSize(PizzaOrder.PizzaSize.Medium);

 radSmall.setSelected(false);

 radLarge.setSelected(false);

 }

 }//GEN-LAST:event\_radMediumItemStateChanged

 private void radLargeItemStateChanged(java.awt.event.ItemEvent evt) {//GEN-FIRST:event\_radLargeItemStateChanged

 // TODO add your handling code here:

 if (radLarge.isSelected()) {

 setSize(PizzaOrder.PizzaSize.Large);

 radMedium.setSelected(false);

 radSmall.setSelected(false);

 }

 }//GEN-LAST:event\_radLargeItemStateChanged

 private void txtLastNameFocusLost(java.awt.event.FocusEvent evt) {//GEN-FIRST:event\_txtLastNameFocusLost

 // TODO add your handling code here:

 aOrder.setLastName(txtLastName.getText());

 }//GEN-LAST:event\_txtLastNameFocusLost

 private void chkSausageItemStateChanged(java.awt.event.ItemEvent evt) {//GEN-FIRST:event\_chkSausageItemStateChanged

 // TODO add your handling code here:

 setSausage();

 }//GEN-LAST:event\_chkSausageItemStateChanged

 private void chkHamItemStateChanged(java.awt.event.ItemEvent evt) {//GEN-FIRST:event\_chkHamItemStateChanged

 // TODO add your handling code here:

 setHam();

 }//GEN-LAST:event\_chkHamItemStateChanged

 /\*\*

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

 } catch (InstantiationException ex) {

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

 } catch (IllegalAccessException ex) {

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

 } catch (javax.swing.UnsupportedLookAndFeelException ex) {

 java.util.logging.Logger.getLogger(Pizza\_Frame.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 Pizza\_Frame().setVisible(true);

 }

 });

 }

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

 private javax.swing.JButton btnClearItems;

 private javax.swing.JButton btnExit;

 private javax.swing.JButton btnNew;

 private javax.swing.JButton btnSubmit;

 private javax.swing.JCheckBox chkExtraCheese;

 private javax.swing.JCheckBox chkHam;

 private javax.swing.JCheckBox chkSausage;

 private javax.swing.ButtonGroup grpSize;

 private javax.swing.JLabel jLabel1;

 private javax.swing.JLabel jLabel2;

 private javax.swing.JLabel jLabel3;

 private javax.swing.JMenuBar jMenuBar1;

 private javax.swing.JScrollPane jPanel123;

 private javax.swing.JLabel lblSubTotal;

 private javax.swing.JLabel lblTotal;

 private javax.swing.JLabel lblWelcome;

 private javax.swing.JMenuItem mnuClearItems;

 private javax.swing.JMenuItem mnuExit;

 private javax.swing.JMenu mnuFile;

 private javax.swing.JMenuItem mnuNew;

 private javax.swing.JMenu mnuOrder;

 private javax.swing.JMenuItem mnuSubmitOrder;

 private javax.swing.JPanel pnlOutput;

 private javax.swing.JPanel pnlPerson;

 private javax.swing.JPanel pnlSize;

 private javax.swing.JPanel pnlToppings;

 private javax.swing.JRadioButton radLarge;

 private javax.swing.JRadioButton radMedium;

 private javax.swing.JRadioButton radSmall;

 private javax.swing.JTextField txtFirstName;

 private javax.swing.JTextField txtLastName;

 private javax.swing.JTextArea txtOrderSummary;

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

}