

UMC - Universidade Mogi das cruces  
POO  
Leonardo vinicius aguirre RGM: 11181502271 4ºSI  
**Exercício 1**

```
package Exer1;
```

```
import javax.swing.JOptionPane;
```

```
public class ControleFuncionario {
```

```
    Funcionario f = new Funcionario();
```

```
    public void CadFunc(String nm,String sex,String rg,String end){
```

```
        f.setNome(nm);
```

```
        f.setSexo(sex);
```

```
        f.setRg(rg);
```

```
        f.setEnd(end);
```

```
        JOptionPane.showMessageDialog(null,"Cadastro realizado com sucesso !!!");
```

```
    }
```

```
    public String ExibFunc(){
```

```
        String msg=f.getNome()+"","+f.getSexo()+","+f.getRg()+","+f.getEnd();
```

```
        return msg;
```

```
    }
```

```
}
```

```
package Exer1;
```

```
public class Funcionario {
```

```
    private String nome;
```

```
    private String sexo;
```

```
    private String rg;
```

```
    private String end;
```

```
    public void setNome(String nome) {
```

```
        this.nome = nome;
```

```
    }
```

```
    public void setSexo(String sexo) {
```

```

        this.sexo = sexo;
    }

    public void setRg(String rg) {
        this.rg = rg;
    }

    public void setEnd(String end) {
        this.end = end;
    }

    public String getNome() {
        return nome;
    }

    public String getSexo() {
        return sexo;
    }

    public String getRg() {
        return rg;
    }

    public String getEnd() {
        return end;
    }

}

package Exer1;

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
public class Gerente {

    public static void main(String args[]) {

        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(GUI_Funcionario.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
    } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(GUI_Funcionario.class.getName()).log(java.util.logging.L
evel.SEVERE, null, ex);
    }
//</editor-fold>

/* Create and display the form */

    new GUI_Funcionario().setVisible(true);

}

}

package Exer1;

import java.util.regex.Pattern;

/**
 *
 * @author eduardo.ferreira
 */
public class GUI_Funcionario extends javax.swing.JFrame {

    ControleFuncionario cf = new ControleFuncionario();

```

```
public GUI_Funcionario() {  
    initComponents();  
}
```

```
@SuppressWarnings("unchecked")  
// <editor-fold defaultstate="collapsed" desc="Generated  
Code"> //GEN-BEGIN: initComponents  
private void initComponents() {  
  
    jLabel1 = new javax.swing.JLabel();  
    jLabel2 = new javax.swing.JLabel();  
    jLabel3 = new javax.swing.JLabel();  
    jLabel4 = new javax.swing.JLabel();  
    jLabel5 = new javax.swing.JLabel();  
    jButton1 = new javax.swing.JButton();  
    jButton2 = new javax.swing.JButton();  
    jTextField1 = new javax.swing.JTextField();  
    jTextField2 = new javax.swing.JTextField();  
    jTextField3 = new javax.swing.JTextField();  
    jTextField4 = new javax.swing.JTextField();  
  
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);  
  
    jLabel1.setText("FUNCIONARIOS");  
  
    jLabel2.setText("Nome");  
  
    jLabel3.setText("Sexo");  
  
    jLabel4.setText("RG");  
  
    jLabel5.setText("Endere o");  
  
    jButton1.setText("Cadastrar");  
    jButton1.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton1ActionPerformed(evt);  
        }  
    });  
  
    jButton2.setText("Exibir");  
    jButton2.addActionListener(new java.awt.event.ActionListener() {  
        public void actionPerformed(java.awt.event.ActionEvent evt) {  
            jButton2ActionPerformed(evt);  
        }  
    });  
}
```

```
}  
});  
  
jTextField2.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField2ActionPerformed(evt);  
    }  
});  
  
jTextField3.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField3ActionPerformed(evt);  
    }  
});  
  
jTextField4.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jTextField4ActionPerformed(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()  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addGroup(layout.createSequentialGroup()  
                    .addComponent(jLabel2)  
                    .addComponent(jLabel3)  
                    .addComponent(jLabel4)  
                    .addGap(22, 22, 22)  
                )  
                .addGroup(layout.createSequentialGroup()  
                    .addComponent(jTextField2,  
                        javax.swing.GroupLayout.PREFERRED_SIZE, 26,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED)  
                    .addComponent(jTextField3,  
                        javax.swing.GroupLayout.PREFERRED_SIZE, 26,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                    .addPreferredGap(LayoutStyle.ComponentPlacement.UNRELATED)  
                    .addComponent(jTextField4,  
                        javax.swing.GroupLayout.PREFERRED_SIZE, 26,  
                        javax.swing.GroupLayout.PREFERRED_SIZE)  
                )  
            ).addContainerGap(10, Short.MAX_VALUE)  
        )  
).addContainerGap();
```

```

        .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, 140,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 240,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(layout.createSequentialGroup())
        .addComponent(jLabel5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jTextField4,
javax.swing.GroupLayout.PREFERRED_SIZE, 295,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGroup(layout.createSequentialGroup())
            .addGap(97, 97, 97)
            .addComponent(jButton1)
            .addGap(73, 73, 73)
            .addComponent(jButton2))
        .addGroup(layout.createSequentialGroup())
            .addGap(208, 208, 208)
            .addComponent(jLabel1)))
        .addContainerGap(98, Short.MAX_VALUE))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup())
            .addGap(21, 21, 21)
            .addComponent(jLabel1)
            .addGap(37, 37, 37)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2)
            .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(20, 20, 20)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel4)
            .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))

```

```

        .addGap(18, 18, 18)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel5)
        .addComponent(jTextField4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(36, 36, 36)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jButton1)
        .addComponent(jButton2))
        .addContainerGap(33, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold> // GEN-END: initComponents

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_jButton2ActionPerformed
    String nm=cf.ExibFunc();
    String[] t = nm.split (Pattern.quote (","));
    jTextField1.setText(t[0]);
    jTextField2.setText(t[1]);
    jTextField3.setText(t[2]);
    jTextField4.setText(t[3]);
} // GEN-LAST:event_jButton2ActionPerformed

private void jTextField2ActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_jTextField2ActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_jTextField2ActionPerformed

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_jButton1ActionPerformed
    cf.CadFunc(jTextField1.getText(), jTextField2.getText(), jTextField3.getText(),
jTextField4.getText());
    jTextField1.setText(" ");
    jTextField2.setText(" ");
    jTextField3.setText(" ");
    jTextField4.setText(" ");
} // GEN-LAST:event_jButton1ActionPerformed

private void jTextField3ActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_jTextField3ActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_jTextField3ActionPerformed

```

```

private void jTextField4ActionPerformed(java.awt.event.ActionEvent evt)
{
    //GEN-FIRST:event_jTextField4ActionPerformed
    // TODO add your handling code here:
    //GEN-LAST:event_jTextField4ActionPerformed
}

```

```

public static void main(String args[]) {

```

```

    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            new GUI_Funcionario().setVisible(true);
        }
    });
}

```

```

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

```

```

private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
private javax.swing.JTextField jTextField3;
private javax.swing.JTextField jTextField4;
// End of variables declaration//GEN-END:variables
}

```

```

<?xml version="1.0" encoding="UTF-8" ?>

```

```

<Form version="1.3" maxVersion="1.9"

```

```

type="org.netbeans.modules.form.forminfo.JFrameFormInfo">

```

```

    <Properties>

```

```

        <Property name="defaultCloseOperation" type="int" value="3"/>

```

```

    </Properties>

```

```

    <SyntheticProperties>

```

```

        <SyntheticProperty name="formSizePolicy" type="int" value="1"/>

```

```

        <SyntheticProperty name="generateCenter" type="boolean" value="false"/>

```

```

    </SyntheticProperties>

```

```

    <AuxValues>

```

```

        <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>

```

```

        <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>

```



```

    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
</AuxValues>

```

```

<Layout>
  <DimensionLayout dim="0">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" attributes="0">
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" alignment="0" attributes="0">
            <EmptySpace min="-2" pref="60" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="0" attributes="0">
              <Group type="102" alignment="0" attributes="0">
                <Group type="103" groupAlignment="0" attributes="0">
                  <Component id="jLabel2" alignment="0" min="-2" max="-2"
attributes="0"/>
                  <Component id="jLabel3" alignment="0" min="-2" max="-2"
attributes="0"/>
                  <Component id="jLabel4" alignment="0" min="-2" max="-2"
attributes="0"/>
                </Group>
                <EmptySpace min="-2" pref="22" max="-2" attributes="0"/>
                <Group type="103" groupAlignment="0" attributes="0">
                  <Component id="jTextField2" min="-2" pref="26" max="-2"
attributes="0"/>
                  <Component id="jTextField3" min="-2" pref="140" max="-2"
attributes="0"/>
                  <Component id="jTextField1" min="-2" pref="240" max="-2"
attributes="0"/>
                </Group>
              </Group>
            </Group>
          </Group>
        <Group type="102" alignment="0" attributes="0">
          <Component id="jLabel5" min="-2" max="-2" attributes="0"/>
          <EmptySpace max="-2" attributes="0"/>
          <Component id="jTextField4" min="-2" pref="295" max="-2"
attributes="0"/>
        </Group>
      </Group>
    </Group>
  </DimensionLayout>
</Layout>

```

```

        </Group>
    </Group>
    <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" pref="97" max="-2" attributes="0"/>
        <Component id="jButton1" min="-2" max="-2" attributes="0"/>
        <EmptySpace min="-2" pref="73" max="-2" attributes="0"/>
        <Component id="jButton2" min="-2" max="-2" attributes="0"/>
    </Group>
    <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" pref="208" max="-2" attributes="0"/>
        <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
    </Group>
</Group>
<EmptySpace pref="98" max="32767" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
            <EmptySpace min="-2" pref="21" max="-2" attributes="0"/>
            <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
            <EmptySpace min="-2" pref="37" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel2" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jTextField1" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace type="separate" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel3" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jTextField2" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace min="-2" pref="20" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel4" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jTextField3" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace type="separate" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel5" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jTextField4" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace min="-2" pref="36" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jButton1" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jButton2" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
        </Group>
    </DimensionLayout>

```

```

        </Group>
        <EmptySpace pref="33" max="32767" attributes="0"/>
    </Group>
</Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Component class="javax.swing.JLabel" name="jLabel1">
        <Properties>
            <Property name="text" type="java.lang.String" value="FUNCIONARIOS"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel2">
        <Properties>
            <Property name="text" type="java.lang.String" value="Nome"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel3">
        <Properties>
            <Property name="text" type="java.lang.String" value="Sexo"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel4">
        <Properties>
            <Property name="text" type="java.lang.String" value="RG"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel5">
        <Properties>
            <Property name="text" type="java.lang.String" value="Endere&#xe7;o"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JButton" name="jButton1">
        <Properties>
            <Property name="text" type="java.lang.String" value="Cadastrar"/>
        </Properties>
        <Events>
            <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButton1ActionPerformed"/>
        </Events>
    </Component>
    <Component class="javax.swing.JButton" name="jButton2">
        <Properties>
            <Property name="text" type="java.lang.String" value="Exibir"/>
        </Properties>
        <Events>

```

```
<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jButton2ActionPerformed"/>
</Events>
</Component>
<Component class="javax.swing.JTextField" name="jTextField1">
</Component>
<Component class="javax.swing.JTextField" name="jTextField2">
<Events>
<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jTextField2ActionPerformed"/>
</Events>
</Component>
<Component class="javax.swing.JTextField" name="jTextField3">
<Events>
<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jTextField3ActionPerformed"/>
</Events>
</Component>
<Component class="javax.swing.JTextField" name="jTextField4">
<Events>
<EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="jTextField4ActionPerformed"/>
</Events>
</Component>
</SubComponents>
</Form>
```

## Exercício 2

```
package Exer2;

import java.util.Date;

public class Viagem {
    private Date dataInicio;
    private Date dataFim;
    private double valor;
    private String destino;

    public Date getDataInicio() {
        return dataInicio;
    }

    public void setDataInicio(Date dataInicio) {
        this.dataInicio = dataInicio;
    }

    public Date getDataFim() {
        return dataFim;
    }

    public void setDataFim(Date dataFim) {
        this.dataFim = dataFim;
    }

    public double getValor() {
        return valor;
    }

    public void setValor(double valor) {
        this.valor = valor;
    }

    public String getDestino() {
        return destino;
    }

    public void setDestino(String destino) {
        this.destino = destino;
    }
}
```

```
package Exer2;
```

```
public class Calendario {  
    private String datas;  
  
    public String getDatas() {  
        return datas;  
    }  
  
    public void setDatas(String datas) {  
        this.datas = datas;  
    }  
}
```

```
package Exer2;
```

```
import java.text.ParseException;  
import java.text.SimpleDateFormat;  
import java.util.Date;  
import javax.swing.JOptionPane;
```

```
public class ControleViagem {  
  
    Viagem viagem = new Viagem();  
    Calendario calendario = new Calendario();  
  
    public void gerarRelatorio(Date dataInicial, Date dataFinal) throws ParseException {  
        SimpleDateFormat f = new SimpleDateFormat("dd/MM/yy");  
  
        viagem.setDataInicio(f.parse("11/09/2019"));  
        viagem.setDataFim(f.parse("12/09/2019"));  
        viagem.setDestino("Poá");  
        viagem.setValor(420);  
  
        boolean flag = false;  
        if (viagem.getDataInicio().after(dataInicial) ||  
viagem.getDataInicio().equals(dataInicial)) {  
            JOptionPane.showMessageDialog(null, "Data da viagem:" +  
f.format(viagem.getDataInicio()) + " Destino:" + viagem.getDestino() + " Valor:" +  
viagem.getValor());  
            flag = true;  
        }  
        if (flag == false) {  
            JOptionPane.showMessageDialog(null, "Nenhuma viagem foi encontrada!");  
        }  
    }  
}
```

```

    public void exhibirCalendario() {
        calendario.setDatas("1-2-3-4-5\n6-7-8-9-10\n11-12-13-14");
        JOptionPane.showMessageDialog(null, calendario.getDatas());
    }
}

```

```

package Exer2;
public class Gerente {
    public static void main(String[] args) {
        new GUI_Gerente().setVisible(true);
    }
}

```

```

<?xml version="1.0" encoding="UTF-8" ?>

```

```

<Form version="1.5" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JFrameFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="3"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="false"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="1" attributes="0">

```

```

<EmptySpace pref="48" max="32767" attributes="0"/>
<Component id="btnGerarRelatorio" min="-2" max="-2" attributes="0"/>
<EmptySpace type="separate" max="-2" attributes="0"/>
<Component id="btnExibirDatas" min="-2" max="-2" attributes="0"/>
<EmptySpace min="-2" pref="43" max="-2" attributes="0"/>
</Group>
<Group type="102" alignment="0" attributes="0">
  <EmptySpace min="-2" pref="91" max="-2" attributes="0"/>
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" attributes="0">
      <Group type="103" groupAlignment="0" attributes="0">
        <Component id="lblInicio" alignment="1" min="-2" max="-2" attributes="0"/>
        <Component id="lblInicio1" alignment="0" min="-2" max="-2"
attributes="0"/>
      </Group>
      <EmptySpace max="-2" attributes="0"/>
      <Group type="103" groupAlignment="0" max="-2" attributes="0">
        <Component id="txtDtFinal" pref="61" max="32767" attributes="0"/>
        <Component id="txtDtInicio" max="32767" attributes="0"/>
      </Group>
    </Group>
    <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
  </Group>
  <EmptySpace max="32767" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace max="-2" attributes="0"/>
      <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
      <EmptySpace pref="34" max="32767" attributes="0"/>
      <Group type="103" groupAlignment="3" attributes="0">
        <Component id="lblInicio" alignment="3" min="-2" max="-2" attributes="0"/>
        <Component id="txtDtInicio" alignment="3" min="-2" max="-2" attributes="0"/>
      </Group>
      <EmptySpace type="unrelated" max="-2" attributes="0"/>
      <Group type="103" groupAlignment="3" attributes="0">
        <Component id="lblInicio1" alignment="3" min="-2" max="-2" attributes="0"/>
        <Component id="txtDtFinal" alignment="3" min="-2" max="-2" attributes="0"/>
      </Group>
      <EmptySpace min="-2" pref="30" max="-2" attributes="0"/>
      <Group type="103" groupAlignment="3" attributes="0">
        <Component id="btnGerarRelatorio" alignment="3" min="-2" max="-2"
attributes="0"/>

```



```

        <Component id="btnExibirDadas" alignment="3" min="-2" max="-2"
attributes="0"/>
    </Group>
    <EmptySpace min="-2" pref="32" max="-2" attributes="0"/>
    </Group>
    </Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Component class="javax.swing.JLabel" name="lblInicio">
        <Properties>
            <Property name="text" type="java.lang.String" value="Data Inicio:"/>
        </Properties>
        <AccessibilityProperties>
            <Property name="AccessibleContext.accessibleName" type="java.lang.String"
value=""/>
        </AccessibilityProperties>
    </Component>
    <Component class="javax.swing.JLabel" name="lblInicio1">
        <Properties>
            <Property name="text" type="java.lang.String" value="Data Final:"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JButton" name="btnGerarRelatorio">
        <Properties>
            <Property name="text" type="java.lang.String" value="Gerar Relatorio"/>
        </Properties>
        <Events>
            <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="btnGerarRelatorioActionPerformed"/>
        </Events>
    </Component>
    <Component class="javax.swing.JFormattedTextField" name="txtDtInicio">
        <Properties>
            <Property name="formatterFactory"
type="javax.swing.JFormattedTextField$AbstractFormatterFactory"
editor="org.netbeans.modules.form.editors.AbstractFormatterFactoryEditor">
                <Format subtype="1" type="1"/>
            </Property>
        </Properties>
    </Component>
    <Component class="javax.swing.JFormattedTextField" name="txtDtFinal">
        <Properties>
            <Property name="formatterFactory"
type="javax.swing.JFormattedTextField$AbstractFormatterFactory"
editor="org.netbeans.modules.form.editors.AbstractFormatterFactoryEditor">

```

```

        <Format subtype="1" type="1"/>
    </Property>
</Properties>
</Component>
<Component class="javax.swing.JButton" name="btnExibirDatas">
    <Properties>
        <Property name="text" type="java.lang.String" value="Exibir Datas"/>
    </Properties>
    <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="btnExibirDatasActionPerformed"/>
    </Events>
</Component>
<Component class="javax.swing.JLabel" name="jLabel1">
    <Properties>
        <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
            <Font name="Dialog" size="24" style="1"/>
        </Property>
        <Property name="text" type="java.lang.String" value="GUI_Gerente"/>
    </Properties>
</Component>
</SubComponents>
</Form>

```

```

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

```

```
package Exer2;
```

```

import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.logging.Level;
import java.util.logging.Logger;

```

```

/**
 *
 * @author Leonardo
 */
public class GUI_Gerente extends javax.swing.JFrame {
    ControleViagem controleViagem = new ControleViagem();
    /**
     * Creates new form GUI_Gerente
     */
}

```

```

public GUI_Gerente() {
    initComponents();
}

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated
Code">//GEN-BEGIN: initComponents
private void initComponents() {

    lblInicio = new javax.swing.JLabel();
    lblInicio1 = new javax.swing.JLabel();
    btnGerarRelatorio = new javax.swing.JButton();
    txtDtInicio = new javax.swing.JFormattedTextField();
    txtDtFinal = new javax.swing.JFormattedTextField();
    btnExibirDatas = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    lblInicio.setText("Data Inicio:");

    lblInicio1.setText("Data Final:");

    btnGerarRelatorio.setText("Gerar Relatorio");
    btnGerarRelatorio.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnGerarRelatorioActionPerformed(evt);
        }
    });

    txtDtInicio.setFormatterFactory(new javax.swing.text.DefaultFormatterFactory(new
javax.swing.text.DateFormatter(java.text.DateFormat.getDateInstance(java.text.DateFormat.
SHORT))));

    txtDtFinal.setFormatterFactory(new javax.swing.text.DefaultFormatterFactory(new
javax.swing.text.DateFormatter(java.text.DateFormat.getDateInstance(java.text.DateFormat.
SHORT))));

    btnExibirDatas.setText("Exibir Datas");
    btnExibirDatas.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {

```

```

        btnExibirDatasActionPerformed(evt);
    }
});

jLabel1.setFont(new java.awt.Font("Dialog", 1, 24)); // NOI18N
jLabel1.setText("GUI_Gerente");

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
        .addGap(48, javax.swing.GroupLayout.MAX_VALUE)
        .addComponent(btnGerarRelatorio)
        .addGap(18, 18, 18)
        .addComponent(btnExibirDatas)
        .addGap(43, 43, 43)
        .addGroup(layout.createSequentialGroup()
            .addGap(91, 91, 91)

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

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(lblInicio, javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(lblInicio1))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
            .addComponent(txtDtFinal, javax.swing.GroupLayout.DEFAULT_SIZE, 61,
javax.swing.GroupLayout.MAX_VALUE)
            .addComponent(txtDtInicio)))
        .addComponent(jLabel1))
        .addGap(javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.MAX_VALUE)
    );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 34,
javax.swing.GroupLayout.MAX_VALUE)

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

```

```

        .addComponent(lblInicio)
        .addComponent(txtDtInicio, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(lblInicio1)
        .addComponent(txtDtFinal, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(30, 30, 30)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(btnGerarRelatorio)
        .addComponent(btnExibirDatas))
        .addGap(32, 32, 32))
    );

    lblInicio.getAccessibleContext().setAccessibleName("");

    pack();
} // </editor-fold> // GEN-END: initComponents

```

```

private void btnExibirDatasActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_btnExibirDatasActionPerformed
    // TODO add your handling code here:
    controleViagem.exibirCalendario();
} // GEN-LAST:event_btnExibirDatasActionPerformed

```

```

private void btnGerarRelatorioActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_btnGerarRelatorioActionPerformed
    // TODO add your handling code here:
    SimpleDateFormat format = new SimpleDateFormat("dd/MM/yy");
    try {

```

```

        controleViagem.gerarRelatorio(format.parse(txtDtInicio.getText()), format.parse(txtDtFinal.get
Text()));
    } catch (ParseException ex) {
        Logger.getLogger(GUI_Gerente.class.getName()).log(Level.SEVERE, null, ex);
    }

```

```

} // GEN-LAST:event_btnGerarRelatorioActionPerformed

```

```

/**
 * @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(GUI_Gerente.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(GUI_Gerente.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 GUI_Gerente().setVisible(true);
    }
});
}

// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JButton btnExibirDatas;
private javax.swing.JButton btnGerarRelatorio;
private javax.swing.JLabel jLabel1;

```

```
private javax.swing.JLabel lblInicio;  
private javax.swing.JLabel lblInicio1;  
private javax.swing.JFormattedTextField txtDtFinal;  
private javax.swing.JFormattedTextField txtDtInicio;  
// End of variables declaration//GEN-END:variables  
}
```

### Exercício 3

```
package Exer3;
```

```
import javax.swing.JOptionPane;
```

```
public class GUI_Viagem extends javax.swing.JFrame {
```

```
    ControleViagem cv = new ControleViagem();
```

```
    /**
```

```
     * Creates new form GUI_Viagem
```

```
     */
```

```
    public GUI_Viagem() {
```

```
        initComponents();
```

```
    }
```

```
    /**
```

```
     * This method is called from within the constructor to initialize the form.
```

```
     * WARNING: Do NOT modify this code. The content of this method is always
```

```
     * regenerated by the Form Editor.
```

```
     */
```

```
    @SuppressWarnings("unchecked")
```

```
    // <editor-fold defaultstate="collapsed" desc="Generated  
Code"> //GEN-BEGIN: initComponents
```

```
    private void initComponents() {
```

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

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

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

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

```
        txtOrigem = new javax.swing.JTextField();
```

```
        txtPeso = new javax.swing.JTextField();
```

```
        txtDestino = new javax.swing.JTextField();
```

```
        txtDescricao = new javax.swing.JTextField();
```

```
        btnCadastrar = new javax.swing.JButton();
```

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

```
        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
        jLabel1.setText("Origem");
```

```
        jLabel2.setText("Destino");
```

```
        jLabel3.setText("Peso");
```

```
        jLabel4.setText("Descrição");
```



```
txtOrigem.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        txtOrigemActionPerformed(evt);  
    }  
});  
  
btnCadastrar.setText("Solicitar");  
btnCadastrar.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        btnCadastrarResultadoActionPerformed(evt);  
    }  
});  
  
jLabel5.setFont(new java.awt.Font("Dialog", 1, 24)); // NOI18N  
jLabel5.setText("GUI_Viagem");  
  
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()  
                .addComponent(jLabel5)  
            )  
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
                .addGroup(layout.createSequentialGroup()  
                    .addGap(44, 44, 44)  
                    .addComponent(jLabel4)  
                    .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.TRAILING)  
                    .addComponent(jLabel2, javax.swing.GroupLayout.Alignment.TRAILING)  
                    .addComponent(jLabel1, javax.swing.GroupLayout.Alignment.TRAILING)  
                    .addPreferredGap(LayoutStyle.ComponentPlacement.RELATED)  
                )  
            )  
        )  
        .addContainerGap())  
        );
```

```

        .addComponent(btnCadastrar,
javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addContainerGap(42, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(19, 19, 19)
            .addComponent(jLabel5)
            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1)
            .addComponent(txtOrigem, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2)
            .addComponent(txtDestino, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(txtPeso, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel4)
            .addComponent(txtDescricao, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(btnCadastrar, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(25, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold> //GEN-END: initComponents

private void txtOrigemActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_txtOrigemActionPerformed
    // TODO add your handling code here:

```

```

} //GEN-LAST:event_txtOrigemActionPerformed

private void btnCadastrarActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_btnCadastrarActionPerformed
    // TODO add your handling code here:
    int n=JOptionPane.showConfirmDialog(null,"O calculo da sua viagem é de
R$"+cv.calcViagem()+" e o periodo de entrega é de aproximadamente de
"+cv.calcTempo()+" dias úteis."+ "\nVocê deseja realmente confirmar a solicitação de
viagem?","Cofirmação",JOptionPane.YES_NO_OPTION);
    if(n==JOptionPane.YES_OPTION){

cv.cadViagem(txtOrigem.getText(),txtDestino.getText(),Double.parseDouble(txtPeso.getText
()),txtDescricao.getText());
    } else{
        JOptionPane.showMessageDialog(null,"Solicitação cancelada!");
    }
} //GEN-LAST:event_btnCadastrarActionPerformed

/**
 * @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(GUI_Viagem.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (InstantiationException ex) {

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

```

```
java.util.logging.Logger.getLogger(GUI_Viagem.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(GUI_Viagem.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 GUI_Viagem().setVisible(true);  
        }  
    });  
}
```

```
// Variables declaration - do not modify//GEN-BEGIN:variables  
private javax.swing.JButton btnCadastrar;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JTextField txtDescricao;  
private javax.swing.JTextField txtDestino;  
private javax.swing.JTextField txtOrigem;  
private javax.swing.JTextField txtPeso;  
// End of variables declaration//GEN-END:variables  
}
```

```
package Exer3;
```

```
public class Viagem {  
    private String origem;  
    private String destino;  
    private String descricao;  
    private double peso;  
  
    public String getOrigem() {  
        return origem;  
    }  
  
    public void setOrigem(String origem) {
```

```

        this.origem = origem;
    }

    public String getDestino() {
        return destino;
    }

    public void setDestino(String destino) {
        this.destino = destino;
    }

    public String getDescricao() {
        return descricao;
    }

    public void setDescricao(String descricao) {
        this.descricao = descricao;
    }

    public double getPeso() {
        return peso;
    }

    public void setPeso(double peso) {
        this.peso = peso;
    }
}

```

```

package Exer3;
public class Cliente {
    public static void main(String[] args) {
        new GUI_Viagem().setVisible(true);
    }
}

```

```

package Exer3;

```

```

import java.util.Random;
import javax.swing.JOptionPane;

```

```

public class ControleViagem {

    Viagem viagem = new Viagem();
    Random r = new Random();
    public void cadViagem(String origem, String destino, double peso, String descricao) {

```

```

viagem.setOrigem(origem);
viagem.setDestino(destino);
viagem.setDescricao(descricao);
viagem.setPeso(peso);

JOptionPane.showMessageDialog(null,"Viagem solicitada com sucesso!");
}

public double calcViagem() {
    return r.nextInt(1000);
}
public int calcTempo(){
    return r.nextInt(10);
}
}

<?xml version="1.0" encoding="UTF-8" ?>

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JFrameFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="3"/>
  </Properties>
  <SyntheticProperties>
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
    <SyntheticProperty name="generateCenter" type="boolean" value="false"/>
  </SyntheticProperties>
  <AuxValues>
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean"
value="false"/>
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
  </AuxValues>

  <Layout>
    <DimensionLayout dim="0">

```

```

<Group type="103" groupAlignment="0" attributes="0">
  <Group type="102" attributes="0">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace min="-2" pref="44" max="-2" attributes="0"/>
        <Component id="jLabel5" min="-2" max="-2" attributes="0"/>
      </Group>
      <Group type="102" alignment="0" attributes="0">
        <EmptySpace max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" attributes="0">
          <Component id="jLabel4" min="-2" max="-2" attributes="0"/>
          <Component id="jLabel3" alignment="1" min="-2" max="-2" attributes="0"/>
          <Component id="jLabel2" alignment="1" min="-2" max="-2" attributes="0"/>
          <Component id="jLabel1" alignment="1" min="-2" max="-2" attributes="0"/>
        </Group>
        <EmptySpace max="-2" attributes="0"/>
        <Group type="103" groupAlignment="0" max="-2" attributes="0">
          <Component id="txtDestino" alignment="0" pref="120" max="32767"
attributes="0"/>
          <Component id="txtOrigem" alignment="0" max="32767" attributes="0"/>
          <Component id="txtPeso" min="-2" pref="35" max="-2" attributes="0"/>
          <Component id="txtDescricao" max="32767" attributes="0"/>
          <Component id="btnCadastrar" alignment="0" min="-2" pref="100" max="-2"
attributes="0"/>
        </Group>
      </Group>
    </Group>
    <EmptySpace pref="42" max="32767" attributes="0"/>
  </Group>
</DimensionLayout>
<DimensionLayout dim="1">
  <Group type="103" groupAlignment="0" attributes="0">
    <Group type="102" alignment="0" attributes="0">
      <EmptySpace min="-2" pref="19" max="-2" attributes="0"/>
      <Component id="jLabel5" min="-2" max="-2" attributes="0"/>
      <EmptySpace type="separate" max="-2" attributes="0"/>
      <Group type="103" groupAlignment="3" attributes="0">
        <Component id="jLabel1" alignment="3" min="-2" max="-2" attributes="0"/>
        <Component id="txtOrigem" alignment="3" min="-2" max="-2" attributes="0"/>
      </Group>
      <EmptySpace type="unrelated" max="-2" attributes="0"/>
      <Group type="103" groupAlignment="3" attributes="0">
        <Component id="jLabel2" alignment="3" min="-2" max="-2" attributes="0"/>
        <Component id="txtDestino" alignment="3" min="-2" max="-2" attributes="0"/>
      </Group>
    </Group>
  </Group>
</DimensionLayout>

```

```

    <EmptySpace type="unrelated" max="-2" attributes="0"/>
    <Group type="103" groupAlignment="3" attributes="0">
        <Component id="jLabel3" alignment="3" min="-2" max="-2" attributes="0"/>
        <Component id="txtPeso" alignment="3" min="-2" max="-2" attributes="0"/>
    </Group>
    <EmptySpace type="unrelated" max="-2" attributes="0"/>
    <Group type="103" groupAlignment="3" attributes="0">
        <Component id="jLabel4" alignment="3" min="-2" max="-2" attributes="0"/>
        <Component id="txtDescricao" alignment="3" min="-2" max="-2" attributes="0"/>
    </Group>
    <EmptySpace type="unrelated" max="-2" attributes="0"/>
    <Component id="btnCadastrar" min="-2" pref="39" max="-2" attributes="0"/>
    <EmptySpace pref="25" max="32767" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
</Layout>
<SubComponents>
    <Component class="javax.swing.JLabel" name="jLabel1">
        <Properties>
            <Property name="text" type="java.lang.String" value="Origem"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel2">
        <Properties>
            <Property name="text" type="java.lang.String" value="Destino"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel3">
        <Properties>
            <Property name="text" type="java.lang.String" value="Peso"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JLabel" name="jLabel4">
        <Properties>
            <Property name="text" type="java.lang.String" value="Descri#xe7;#xe3;o"/>
        </Properties>
    </Component>
    <Component class="javax.swing.JTextField" name="txtOrigem">
        <Events>
            <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="txtOrigemActionPerformed"/>
        </Events>
    </Component>
    <Component class="javax.swing.JTextField" name="txtPeso">
    </Component>

```



```
<Component class="javax.swing.JTextField" name="txtDestino">
</Component>
<Component class="javax.swing.JTextField" name="txtDescricao">
</Component>
<Component class="javax.swing.JButton" name="btnCadastrar">
  <Properties>
    <Property name="text" type="java.lang.String" value="Solicitar"/>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="btnCadastrarActionPerformed"/>
  </Events>
</Component>
<Component class="javax.swing.JLabel" name="jLabel5">
  <Properties>
    <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
      <Font name="Dialog" size="24" style="1"/>
    </Property>
    <Property name="text" type="java.lang.String" value="GUI_Viagem"/>
  </Properties>
</Component>
</SubComponents>
</Form>
```

#### Exercício 4

```
package Exer4;
```

```
/**
```

```
*
```

```
* @author Leonardo
```

```
*/
```

```
public class Bebida {
```

```
    private String nome;
```

```
    private String tipo;
```

```
    private double valor;
```

```
    private int quantidade;
```

```
    public String getNome() {
```

```
        return nome;
```

```
    }
```

```
    public void setNome(String nome) {
```

```
        this.nome = nome;
```

```
    }
```

```
    public String getTipo() {
```

```
        return tipo;
```

```
    }
```

```
    public void setTipo(String tipo) {
```

```
        this.tipo = tipo;
```

```
    }
```

```
    public double getValor() {
```

```
        return valor;
```

```
    }
```

```
    public void setValor(double valor) {
```

```
        this.valor = valor;
```

```
    }
```

```
    public int getQuantidade() {
```

```
        return quantidade;
```

```
    }
```

```
    public void setQuantidade(int quantidade) {
```

```
        this.quantidade = quantidade;
```

```
    }
```

```
}
```

```
package Exer4;
```

```
public class Cliente {  
    public static void main(String[] args) {  
        new GUI_Cliente().setVisible(true);  
    }  
    private String nome;  
    private String telefone;  
    private String endereco;  
  
    public String getNome() {  
        return nome;  
    }  
  
    public void setNome(String nome) {  
        this.nome = nome;  
    }  
  
    public String getTelefone() {  
        return telefone;  
    }  
  
    public void setTelefone(String telefone) {  
        this.telefone = telefone;  
    }  
  
    public String getEndereco() {  
        return endereco;  
    }  
  
    public void setEndereco(String endereco) {  
        this.endereco = endereco;  
    }  
}
```

```
package Exer4;
```

```
import javax.swing.JOptionPane;
```

```
public class ControleCliente {  
    public void cadCliente(String endereco,String nome,String telefone) {  
        Cliente cliente = new Cliente();  
    }  
}
```

```

        cliente.setEndereco(endereco);
        cliente.setNome(nome);
        cliente.setTelefone(telefone);

        JOptionPane.showMessageDialog(null,"Cliente cadastrado com sucesso!");
        GUI_Pedido frame = new GUI_Pedido();
        frame.setCli(cliente);
        frame.setVisible(true);
    }
}

package Exer4;

import java.util.Random;
import javax.swing.JOptionPane;

public class ControlePedido {
    public void calcTotalPed(double total1,double total2){
        JOptionPane.showMessageDialog(null,"O valor total de seu pedido é de
R$"+(total1+total2));
    }
    public int calcTempoPed(){
        Random r = new Random();
        int n=r.nextInt(60);
        return n;
    }
    public void pedFinalizar(String sabor, String tipo,int qt1, double valor1,String nome, String
tipo2, int qt2, double valor2,Cliente cli){
        Pizza pizza = new Pizza();
        pizza.setSabor(sabor);
        pizza.setTipo(tipo);
        pizza.setValor(valor1);
        pizza.setQuantidade(qt1);

        Bebida bebida = new Bebida();
        bebida.setNome(nome);
        bebida.setQuantidade(qt2);
        bebida.setTipo(tipo2);
        bebida.setValor(valor2);

        Pedido pedido = new Pedido();
        pedido.setPizzas(pizza);
        pedido.setBebidas(bebida);
        pedido.setCliente(cli);
    }
}

```

```
        JOptionPane.showMessageDialog(null, "Pedido finalizado com sucesso! Obrigado pela preferência");
        System.exit(0);
    }
}
```

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
```

```
package Exer4;
```

```
/**
 *
 * @author Leonardo
 */
```

```
public class GUI_Cliente extends javax.swing.JFrame {
```

```
    /**
     * Creates new form GUI_Cliente
     */
```

```
    public GUI_Cliente() {
        initComponents();
    }
```

```
    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
```

```
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated
Code">//GEN-BEGIN: initComponents
    private void initComponents() {
```

```
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        btnCadastrar = new javax.swing.JButton();
        txtNome = new javax.swing.JTextField();
        txtTelefone = new javax.swing.JTextField();
        txtEndereco = new javax.swing.JTextField();
```

```
        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
jLabel1.setFont(new java.awt.Font("Dialog", 1, 24)); // NOI18N
jLabel1.setText("GUI_Cliente");

jLabel2.setText("Nome:");

jLabel3.setText("Telefone:");

jLabel4.setText("Endere o:");

btnCadastrar.setText("Cadastrar");
btnCadastrar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnCadastrArActionPerformed(evt);
    }
});

txtNome.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtNomeActionPerformed(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()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(txtNome,
                        javax.swing.GroupLayout.PREFERRED_SIZE, 96,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(txtTelefone))
                .addGroup(layout.createSequentialGroup()
                    .add(jLabel2)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .add(jLabel4)))
            .addContainerGap())

```

```

        .addComponent(jLabel3))
        .addGap(8, 8, 8)
        .addComponent(txtEndereco, javax.swing.GroupLayout.PREFERRED_SIZE,
121, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(25, Short.MAX_VALUE))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup())
        .addGap(0, 0, Short.MAX_VALUE)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup())
        .addComponent(jLabel1)
        .addGap(36, 36, 36))
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup())
        .addComponent(btnCadastrar,
javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(58, 58, 58))))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(layout.createSequentialGroup())
    .addContainerGap()
    .addComponent(jLabel1)
    .addGap(18, 18, 18)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel2)
        .addComponent(txtNome, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(txtTelefone, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel4)
                .addComponent(txtEndereco, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)

```

```

        .addComponent(btnCadastrar, javax.swing.GroupLayout.PREFERRED_SIZE, 40,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(21, Short.MAX_VALUE))
    );

```

```

    pack();
} // </editor-fold> // GEN-END: initComponents

```

```

private void txtNomeActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_txtNomeActionPerformed
    // TODO add your handling code here:
} // GEN-LAST:event_txtNomeActionPerformed

```

```

private void btnCadastrarActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_btnCadastrarActionPerformed
    // TODO add your handling code here:
    ControleCliente cliente = new ControleCliente();
    cliente.cadCliente(txtEndereco.getText(), txtNome.getText(), txtTelefone.getText());
    this.setVisible(false);
} // GEN-LAST:event_btnCadastrarActionPerformed

```

```

/**
 * @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(GUI_Cliente.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (InstantiationException ex) {

```



```
java.util.logging.Logger.getLogger(GUI_Cliente.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);  
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(GUI_Cliente.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(GUI_Cliente.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 GUI_Cliente().setVisible(true);  
        }  
    });  
}
```

```
// Variables declaration - do not modify//GEN-BEGIN:variables  
private javax.swing.JButton btnCadastrar;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JTextField txtEndereco;  
private javax.swing.JTextField txtNome;  
private javax.swing.JTextField txtTelefone;  
// End of variables declaration//GEN-END:variables  
}
```

```
/*  
 * To change this license header, choose License Headers in Project Properties.  
 * To change this template file, choose Tools | Templates  
 * and open the template in the editor.  
 */
```

```
package Exer4;
```

```
import javax.swing.JOptionPane;
```

```
/**  
 *  
 * @author Leonardo
```

```

*/
public class GUI_Pedido extends javax.swing.JFrame {
    ControlePedido cp = new ControlePedido();
    public Cliente cli;
    public Cliente getCli() {
        return cli;
    }

    public void setCli(Cliente cli) {
        this.cli = cli;
    }
    public GUI_Pedido() {
        initComponents();
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
     */
    @SuppressWarnings("unchecked")
    // <editor-fold defaultstate="collapsed" desc="Generated
Code">//GEN-BEGIN: initComponents
    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
        lblNome = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jLabel4 = new javax.swing.JLabel();
        jLabel5 = new javax.swing.JLabel();
        jLabel6 = new javax.swing.JLabel();
        jLabel7 = new javax.swing.JLabel();
        txtValorPizza = new javax.swing.JTextField();
        cbxTipo = new javax.swing.JComboBox<>();
        cbxQt = new javax.swing.JComboBox<>();
        jLabel8 = new javax.swing.JLabel();
        jLabel9 = new javax.swing.JLabel();
        cbxTipo2 = new javax.swing.JComboBox<>();
        jLabel10 = new javax.swing.JLabel();
        cbxQt2 = new javax.swing.JComboBox<>();
        jLabel11 = new javax.swing.JLabel();
        txtValorBebida = new javax.swing.JTextField();
        cbxNome = new javax.swing.JComboBox<>();
        cbxSabor = new javax.swing.JComboBox<>();
        btnFinalizar = new javax.swing.JButton();

```

```

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
addWindowFocusListener(new java.awt.event.WindowFocusListener() {
    public void windowGainedFocus(java.awt.event.WindowEvent evt) {
        formWindowGainedFocus(evt);
    }
    public void windowLostFocus(java.awt.event.WindowEvent evt) {
    }
});
addWindowListener(new java.awt.event.WindowAdapter() {
    public void windowOpened(java.awt.event.WindowEvent evt) {
        formWindowOpened(evt);
    }
});

jLabel1.setFont(new java.awt.Font("Dialog", 1, 24)); // NOI18N
jLabel1.setText("GUI_Pedido");

lblNome.setText("Olá");

jLabel2.setFont(new java.awt.Font("Dialog", 1, 14)); // NOI18N
jLabel2.setText("Pizza");

jLabel3.setFont(new java.awt.Font("Dialog", 1, 14)); // NOI18N
jLabel3.setText("Bebida");

jLabel4.setText("Sabor");

jLabel5.setText("Tipo");

jLabel6.setText("Quantidade");

jLabel7.setText("Valor");

txtValorPizza.setEnabled(false);

cbxTipo.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Grande",
"Broto" }));
cbxTipo.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxTipoActionPerformed(evt);
    }
});

cbxQt.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3",
"4", "5" }));

```

```

cbxQt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxQtActionPerformed(evt);
    }
});

jLabel8.setText("Nome");

jLabel9.setText("Tipo");

cbxTipo2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Lata",
"2 Litros" }));
cbxTipo2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxTipo2ActionPerformed(evt);
    }
});

jLabel10.setText("Quantidade");

cbxQt2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2",
"3", "4", "5" }));
cbxQt2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxQt2ActionPerformed(evt);
    }
});

jLabel11.setText("Valor");

txtValorBebida.setEnabled(false);

cbxNome.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Coca-Cola", "Água", "Guarana" }));
cbxNome.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxNomeActionPerformed(evt);
    }
});

cbxSabor.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Portuguesa", "Marguerita", "Chocolate" }));
cbxSabor.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        cbxSaborMouseClicked(evt);
    }
}

```

```

});
cbxSabor.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxSaborActionPerformed(evt);
    }
});

btnFinalizar.setText("Finalizar");
btnFinalizar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnFinalizarActionPerformed(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()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(cbxSabor, javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(btnFinalizar)
            .addContainerGap(10, Short.MAX_VALUE))
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel2)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel3)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel4)
            .addContainerGap(10, Short.MAX_VALUE))
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel5)
            .addContainerGap(10, Short.MAX_VALUE))
);

```

```

        .addComponent(cbxTipo,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel6)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(cbxQt, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel7)
            .addGap(6, 6, 6)
            .addComponent(txtValorPizza,
javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel3)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel8)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(cbxNome, javax.swing.GroupLayout.PREFERRED_SIZE,
98, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel9)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(cbxTipo2,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel10)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(cbxQt2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(btnFinalizar,
javax.swing.GroupLayout.PREFERRED_SIZE, 138,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel11)

```

```

        .addGap(6, 6, 6)
        .addComponent(txtValorBebida,
javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel1)
            .addComponent(lblNome))
            .addGap(17, 17, 17)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel2)
            .addComponent(jLabel4)
            .addComponent(jLabel5)
            .addComponent(jLabel6)
            .addComponent(jLabel7)
            .addComponent(txtValorPizza, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(cbxTipo, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(cbxQt, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(cbxSabor, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel3)
            .addComponent(jLabel8)
            .addComponent(jLabel9)
            .addComponent(jLabel10)
            .addComponent(jLabel11)
            .addComponent(txtValorBebida, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(cbxTipo2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(cbxQt2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(cbxNome, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 19,
Short.MAX_VALUE)
        .addComponent(btnFinalizar, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap()
    );

```

```

    pack();
} // </editor-fold> // GEN-END: initComponents

```

```

private void formWindowOpened(java.awt.event.WindowEvent evt)
{ // GEN-FIRST:event_formWindowOpened
    // TODO add your handling code here:
    lblNome.setText("Olá, " + cli.getNome() + " seja bem vindo!");
} // GEN-LAST:event_formWindowOpened

```

```

private void cbxSaborMouseClicked(java.awt.event.MouseEvent evt)
{ // GEN-FIRST:event_cbxSaborMouseClicked
    // TODO add your handling code here:

} // GEN-LAST:event_cbxSaborMouseClicked

```

```

private void cbxSaborActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_cbxSaborActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo.getSelectedIndex() == 0) {
        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());
    } else {
        val = 12 * Integer.parseInt(cbxQt.getSelectedItem().toString());
    }
    txtValorPizza.setText(Integer.toString(val));
} // GEN-LAST:event_cbxSaborActionPerformed

```

```

private void cbxTipoActionPerformed(java.awt.event.ActionEvent evt)
{ // GEN-FIRST:event_cbxTipoActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo.getSelectedIndex() == 0) {
        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());
    } else {
        val = 12 * Integer.parseInt(cbxQt.getSelectedItem().toString());
    }
}

```



```

    }
    txtValorPizza.setText(Integer.toString(val));
} //GEN-LAST:event_cbxTipoActionPerformed

private void cbxQtActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_cbxQtActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo.getSelectedIndex() == 0) {
        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());
    } else {
        val = 12 * Integer.parseInt(cbxQt.getSelectedItem().toString());
    }
    txtValorPizza.setText(Integer.toString(val));
} //GEN-LAST:event_cbxQtActionPerformed

private void cbxNomeActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_cbxNomeActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo2.getSelectedIndex() == 0) {
        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    } else {
        val = 8 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }
    txtValorBebida.setText(Integer.toString(val));
} //GEN-LAST:event_cbxNomeActionPerformed

private void cbxTipo2ActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_cbxTipo2ActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo2.getSelectedIndex() == 0) {
        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    } else {
        val = 8 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }
    txtValorBebida.setText(Integer.toString(val));
} //GEN-LAST:event_cbxTipo2ActionPerformed

private void cbxQt2ActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_cbxQt2ActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo2.getSelectedIndex() == 0) {
        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }

```

```

    } else {
        val = 8* Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }
    txtValorBebida.setText(Integer.toString(val));
} //GEN-LAST:event_cbxQt2ActionPerformed

private void btnFinalizarActionPerformed(java.awt.event.ActionEvent evt)
{ //GEN-FIRST:event_btnFinalizarActionPerformed
    // TODO add your handling code here:

    cp.calcTotalPed(Double.parseDouble(txtValorPizza.getText()), Double.parseDouble(txtValorBebida.getText()));
    JOptionPane.showMessageDialog(null, "O seu pedido demorará aproximadamente "+cp.calcTempoPed()+" minutos");

    cp.pedFinalizar(cbxSabor.getSelectedItem().toString(), cbxTipo.getSelectedItem().toString(), Integer.parseInt(cbxQt.getSelectedItem().toString()), Double.parseDouble(txtValorPizza.getText()), cbxNome.getSelectedItem().toString(), cbxTipo2.getSelectedItem().toString(), Integer.parseInt(cbxQt2.getSelectedItem().toString()), Double.parseDouble(txtValorBebida.getText()), cli);
} //GEN-LAST:event_btnFinalizarActionPerformed

private void formWindowGainedFocus(java.awt.event.WindowEvent evt)
{ //GEN-FIRST:event_formWindowGainedFocus
    // TODO add your handling code here:
    int val;
    if (cbxTipo2.getSelectedIndex() == 0) {
        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    } else {
        val = 8* Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }
    txtValorBebida.setText(Integer.toString(val));
    if (cbxTipo.getSelectedIndex() == 0) {
        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());
    } else {
        val = 12* Integer.parseInt(cbxQt.getSelectedItem().toString());
    }
    txtValorPizza.setText(Integer.toString(val));
} //GEN-LAST:event_formWindowGainedFocus

/**
 * @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(GUI_Pedido.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
        } catch (InstantiationException ex) {

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

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

java.util.logging.Logger.getLogger(GUI_Pedido.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 GUI_Pedido().setVisible(true);

        }
    });
}

// Variables declaration - do not modify//GEN-BEGIN:variables
private javax.swing.JButton btnFinalizar;
private javax.swing.JComboBox<String> cbxNome;
private javax.swing.JComboBox<String> cbxQt;
private javax.swing.JComboBox<String> cbxQt2;

```

```

private javax.swing.JComboBox<String> cbxSabor;
private javax.swing.JComboBox<String> cbxTipo;
private javax.swing.JComboBox<String> cbxTipo2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JLabel lblNome;
private javax.swing.JTextField txtValorBebida;
private javax.swing.JTextField txtValorPizza;
// End of variables declaration//GEN-END:variables
}

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package Exer4;

import javax.swing.JOptionPane;

/**
 *
 * @author Leonardo
 */
public class GUI_Pedido extends javax.swing.JFrame {
    ControlePedido cp = new ControlePedido();
    public Cliente cli;
    public Cliente getCli() {
        return cli;
    }

    public void setCli(Cliente cli) {
        this.cli = cli;
    }
    public GUI_Pedido() {
        initComponents();
    }
}

```

```

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated
Code">//GEN-BEGIN:initComponents
private void initComponents() {

    jLabel1 = new javax.swing.JLabel();
    lblNome = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jLabel7 = new javax.swing.JLabel();
    txtValorPizza = new javax.swing.JTextField();
    cbxTipo = new javax.swing.JComboBox<>();
    cbxQt = new javax.swing.JComboBox<>();
    jLabel8 = new javax.swing.JLabel();
    jLabel9 = new javax.swing.JLabel();
    cbxTipo2 = new javax.swing.JComboBox<>();
    jLabel10 = new javax.swing.JLabel();
    cbxQt2 = new javax.swing.JComboBox<>();
    jLabel11 = new javax.swing.JLabel();
    txtValorBebida = new javax.swing.JTextField();
    cbxNome = new javax.swing.JComboBox<>();
    cbxSabor = new javax.swing.JComboBox<>();
    btnFinalizar = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    addWindowFocusListener(new java.awt.event.WindowFocusListener() {
        public void windowGainedFocus(java.awt.event.WindowEvent evt) {
            formWindowGainedFocus(evt);
        }
        public void windowLostFocus(java.awt.event.WindowEvent evt) {
        }
    });
    addWindowListener(new java.awt.event.WindowAdapter() {
        public void windowOpened(java.awt.event.WindowEvent evt) {
            formWindowOpened(evt);
        }
    });
}

```

```
jLabel1.setFont(new java.awt.Font("Dialog", 1, 24)); // NOI18N
jLabel1.setText("GUI_Pedido");

lblNome.setText("Olá");

jLabel2.setFont(new java.awt.Font("Dialog", 1, 14)); // NOI18N
jLabel2.setText("Pizza");

jLabel3.setFont(new java.awt.Font("Dialog", 1, 14)); // NOI18N
jLabel3.setText("Bebida");

jLabel4.setText("Sabor");

jLabel5.setText("Tipo");

jLabel6.setText("Quantidade");

jLabel7.setText("Valor");

txtValorPizza.setEnabled(false);

cbxTipo.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Grande",
"Broto" }));
cbxTipo.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxTipoActionPerformed(evt);
    }
});

cbxQt.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2", "3",
"4", "5" }));
cbxQt.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxQtActionPerformed(evt);
    }
});

jLabel8.setText("Nome");

jLabel9.setText("Tipo");

cbxTipo2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Lata",
"2 Litros" }));
cbxTipo2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```

        cbxTipo2ActionPerformed(evt);
    }
});

jLabel10.setText("Quantidade");

cbxQt2.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "1", "2",
"3", "4", "5" }));
cbxQt2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxQt2ActionPerformed(evt);
    }
});

jLabel11.setText("Valor");

txtValorBebida.setEnabled(false);

cbxNome.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Coca-Cola", "Água", "Guarana" }));
cbxNome.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxNomeActionPerformed(evt);
    }
});

cbxSabor.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Portuguesa", "Marguerita", "Chocolate" }));
cbxSabor.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        cbxSaborMouseClicked(evt);
    }
});
cbxSabor.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        cbxSaborActionPerformed(evt);
    }
});

btnFinalizar.setText("Finalizar");
btnFinalizar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnFinalizarActionPerformed(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,
false)
        .addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jLabel4)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(cbxSabor, 0,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                .addComponent(jLabel1))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(lblNome)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jLabel5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(cbxTipo,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jLabel6)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(cbxQt, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jLabel7)
                    .addGap(6, 6, 6)

```



```

        .addComponent(txtValorPizza,
javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel3)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel8)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(cbxNome, javax.swing.GroupLayout.PREFERRED_SIZE,
98, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel9)

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(cbxTipo2,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jLabel10)

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(cbxQt2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addComponent(btnFinalizar,
javax.swing.GroupLayout.PREFERRED_SIZE, 138,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel11)
            .addGap(6, 6, 6)
            .addComponent(txtValorBebida,
javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()

            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(jLabel1)

```

```

        .addComponent(lblNome))
    .addGap(17, 17, 17)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel2)
        .addComponent(jLabel4)
        .addComponent(jLabel5)
        .addComponent(jLabel6)
        .addComponent(jLabel7)
        .addComponent(txtValorPizza, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(cbxTipo, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(cbxQt, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(cbxSabor, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel3)
        .addComponent(jLabel8)
        .addComponent(jLabel9)
        .addComponent(jLabel10)
        .addComponent(jLabel11)
        .addComponent(txtValorBebida, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(cbxTipo2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(cbxQt2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(cbxNome, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 19,
Short.MAX_VALUE)
        .addComponent(btnFinalizar, javax.swing.GroupLayout.PREFERRED_SIZE, 52,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );

    pack();
} // </editor-fold> // GEN-END: initComponents

private void formWindowOpened(java.awt.event.WindowEvent evt)
{ // GEN-FIRST: event_formWindowOpened
    // TODO add your handling code here:

```

```
lblNome.setText("Olá, " + cli.getNome() + " seja bem vindo!");  
} //GEN-LAST:event_formWindowOpened
```

```
private void cbxSaborMouseClicked(java.awt.event.MouseEvent evt)  
{ //GEN-FIRST:event_cbxSaborMouseClicked  
    // TODO add your handling code here:  
  
} //GEN-LAST:event_cbxSaborMouseClicked
```

```
private void cbxSaborActionPerformed(java.awt.event.ActionEvent evt)  
{ //GEN-FIRST:event_cbxSaborActionPerformed  
    // TODO add your handling code here:  
    int val;  
    if (cbxTipo.getSelectedIndex() == 0) {  
        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());  
    } else {  
        val = 12 * Integer.parseInt(cbxQt.getSelectedItem().toString());  
    }  
    txtValorPizza.setText(Integer.toString(val));  
} //GEN-LAST:event_cbxSaborActionPerformed
```

```
private void cbxTipoActionPerformed(java.awt.event.ActionEvent evt)  
{ //GEN-FIRST:event_cbxTipoActionPerformed  
    // TODO add your handling code here:  
    int val;  
    if (cbxTipo.getSelectedIndex() == 0) {  
        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());  
    } else {  
        val = 12 * Integer.parseInt(cbxQt.getSelectedItem().toString());  
    }  
    txtValorPizza.setText(Integer.toString(val));  
} //GEN-LAST:event_cbxTipoActionPerformed
```

```
private void cbxQtActionPerformed(java.awt.event.ActionEvent evt)  
{ //GEN-FIRST:event_cbxQtActionPerformed  
    // TODO add your handling code here:  
    int val;  
    if (cbxTipo.getSelectedIndex() == 0) {  
        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());  
    } else {  
        val = 12 * Integer.parseInt(cbxQt.getSelectedItem().toString());  
    }  
    txtValorPizza.setText(Integer.toString(val));  
} //GEN-LAST:event_cbxQtActionPerformed
```

```

private void cbxNomeActionPerformed(java.awt.event.ActionEvent evt)
{
    //GEN-FIRST:event_cbxNomeActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo2.getSelectedIndex() == 0) {
        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    } else {
        val = 8 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }
    txtValorBebida.setText(Integer.toString(val));
}
//GEN-LAST:event_cbxNomeActionPerformed

```

```

private void cbxTipo2ActionPerformed(java.awt.event.ActionEvent evt)
{
    //GEN-FIRST:event_cbxTipo2ActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo2.getSelectedIndex() == 0) {
        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    } else {
        val = 8 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }
    txtValorBebida.setText(Integer.toString(val));
}
//GEN-LAST:event_cbxTipo2ActionPerformed

```

```

private void cbxQt2ActionPerformed(java.awt.event.ActionEvent evt)
{
    //GEN-FIRST:event_cbxQt2ActionPerformed
    // TODO add your handling code here:
    int val;
    if (cbxTipo2.getSelectedIndex() == 0) {
        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    } else {
        val = 8 * Integer.parseInt(cbxQt2.getSelectedItem().toString());
    }
    txtValorBebida.setText(Integer.toString(val));
}
//GEN-LAST:event_cbxQt2ActionPerformed

```

```

private void btnFinalizarActionPerformed(java.awt.event.ActionEvent evt)
{
    //GEN-FIRST:event_btnFinalizarActionPerformed
    // TODO add your handling code here:

```

```

cp.calcTotalPed(Double.parseDouble(txtValorPizza.getText()), Double.parseDouble(txtValorBebida.getText()));

```

```

JOptionPane.showMessageDialog(null, "O seu pedido demorará aproximadamente "+cp.calcTempoPed()+" minutos");

```

```

cp.pedFinalizar(cbxSabor.getSelectedItem().toString(),cbxTipo.getSelectedItem().toString(),Integer.parseInt(cbxQt.getSelectedItem().toString()),Double.parseDouble(txtValorPizza.getText()),cbxNome.getSelectedItem().toString(),cbxTipo2.getSelectedItem().toString(),Integer.parseInt(cbxQt2.getSelectedItem().toString()),Double.parseDouble(txtValorBebida.getText()),cli);

```

```

} //GEN-LAST:event_btnFinalizarActionPerformed

```

```

private void formWindowGainedFocus(java.awt.event.WindowEvent evt)
{ //GEN-FIRST:event_formWindowGainedFocus

```

```

    // TODO add your handling code here:

```

```

    int val;

```

```

    if (cbxTipo2.getSelectedIndex() == 0) {

```

```

        val = 3 * Integer.parseInt(cbxQt2.getSelectedItem().toString());

```

```

    } else {

```

```

        val = 8 * Integer.parseInt(cbxQt2.getSelectedItem().toString());

```

```

    }

```

```

    txtValorBebida.setText(Integer.toString(val));

```

```

    if (cbxTipo.getSelectedIndex() == 0) {

```

```

        val = 35 * Integer.parseInt(cbxQt.getSelectedItem().toString());

```

```

    } else {

```

```

        val = 12 * Integer.parseInt(cbxQt.getSelectedItem().toString());

```

```

    }

```

```

    txtValorPizza.setText(Integer.toString(val));

```

```

} //GEN-LAST:event_formWindowGainedFocus

```

```

/**

```

```

 * @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(GUI_Pedido.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);  
    } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(GUI_Pedido.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);  
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(GUI_Pedido.class.getName()).log(java.util.logging.Level.  
SEVERE, null, ex);  
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(GUI_Pedido.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 GUI_Pedido().setVisible(true);  
        }  
    });  
}
```

```
// Variables declaration - do not modify//GEN-BEGIN:variables  
private javax.swing.JButton btnFinalizar;  
private javax.swing.JComboBox<String> cbxNome;  
private javax.swing.JComboBox<String> cbxQt;  
private javax.swing.JComboBox<String> cbxQt2;  
private javax.swing.JComboBox<String> cbxSabor;  
private javax.swing.JComboBox<String> cbxTipo;  
private javax.swing.JComboBox<String> cbxTipo2;  
private javax.swing.JLabel jLabel1;  
private javax.swing.JLabel jLabel10;  
private javax.swing.JLabel jLabel11;  
private javax.swing.JLabel jLabel2;  
private javax.swing.JLabel jLabel3;  
private javax.swing.JLabel jLabel4;  
private javax.swing.JLabel jLabel5;  
private javax.swing.JLabel jLabel6;  
private javax.swing.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JLabel jLabel9;
```

```
private javax.swing.JLabel lblNome;
private javax.swing.JTextField txtValorBebida;
private javax.swing.JTextField txtValorPizza;
// End of variables declaration//GEN-END:variables
}
```

```
package Exer4;
```

```
public class Pedido {
    private Pizza pizzas;
    private Bebida bebidas;

    public Cliente getCliente() {
        return cliente;
    }

    public void setCliente(Cliente cliente) {
        this.cliente = cliente;
    }
    private Cliente cliente;

    public Pizza getPizzas() {
        return pizzas;
    }

    public void setPizzas(Pizza pizzas) {
        this.pizzas = pizzas;
    }

    public Bebida getBebidas() {
        return bebidas;
    }

    public void setBebidas(Bebida bebidas) {
        this.bebidas = bebidas;
    }
}
```

```
package Exer4;
```

```
/**
 *
 * @author Leonardo
```

```

*/
public class Pizza {
    private String sabor;
    private String tipo;
    private double valor;
    private int quantidade;

    public String getSabor() {
        return sabor;
    }

    public void setSabor(String sabor) {
        this.sabor = sabor;
    }

    public String getTipo() {
        return tipo;
    }

    public void setTipo(String tipo) {
        this.tipo = tipo;
    }

    public double getValor() {
        return valor;
    }

    public void setValor(double valor) {
        this.valor = valor;
    }

    public int getQuantidade() {
        return quantidade;
    }

    public void setQuantidade(int quantidade) {
        this.quantidade = quantidade;
    }
}

```

```

<?xml version="1.0" encoding="UTF-8" ?>

```

```

<Form version="1.3" maxVersion="1.9"
type="org.netbeans.modules.form.forminfo.JFrameFormInfo">
  <Properties>
    <Property name="defaultCloseOperation" type="int" value="3"/>

```



```

</Properties>
<SyntheticProperties>
  <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
  <SyntheticProperty name="generateCenter" type="boolean" value="false"/>
</SyntheticProperties>
<AuxValues>
  <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
  <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
  <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
  <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
  <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean"
value="false"/>
  <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
  <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
  <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean"
value="false"/>
  <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
</AuxValues>

<Layout>
  <DimensionLayout dim="0">
    <Group type="103" groupAlignment="0" attributes="0">
      <Group type="102" attributes="0">
        <Group type="103" groupAlignment="0" attributes="0">
          <Group type="102" alignment="0" attributes="0">
            <EmptySpace min="-2" pref="69" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="0" max="-2" attributes="0">
              <Group type="102" attributes="0">
                <Component id="txtNome" min="-2" pref="96" max="-2" attributes="0"/>
                <EmptySpace min="0" pref="0" max="32767" attributes="0"/>
              </Group>
              <Component id="txtTelefone" max="32767" attributes="0"/>
            </Group>
          </Group>
        </Group>
      </Group>
    </Group>
  </DimensionLayout>
  <Group type="102" alignment="0" attributes="0">
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="1" attributes="0">
      <Component id="jLabel2" min="-2" max="-2" attributes="0"/>
      <Component id="jLabel4" min="-2" max="-2" attributes="0"/>
      <Component id="jLabel3" alignment="1" min="-2" max="-2" attributes="0"/>
    </Group>
    <EmptySpace min="-2" pref="8" max="-2" attributes="0"/>
    <Component id="txtEndereco" min="-2" pref="121" max="-2" attributes="0"/>
  </Group>
</Layout>

```

```

        </Group>
    </Group>
    <EmptySpace pref="25" max="32767" attributes="0"/>
</Group>
<Group type="102" alignment="1" attributes="0">
    <EmptySpace min="0" pref="0" max="32767" attributes="0"/>
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="1" attributes="0">
            <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
            <EmptySpace min="-2" pref="36" max="-2" attributes="0"/>
        </Group>
        <Group type="102" alignment="1" attributes="0">
            <Component id="btnCadastrar" min="-2" pref="98" max="-2" attributes="0"/>
            <EmptySpace min="-2" pref="58" max="-2" attributes="0"/>
        </Group>
    </Group>
</Group>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
            <EmptySpace type="separate" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="3" attributes="0">
            <Component id="jLabel2" alignment="3" min="-2" max="-2" attributes="0"/>
            <Component id="txtNome" alignment="3" min="-2" max="-2" attributes="0"/>
        </Group>
        <EmptySpace type="unrelated" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="3" attributes="0">
            <Component id="jLabel3" alignment="3" min="-2" max="-2" attributes="0"/>
            <Component id="txtTelefone" alignment="3" min="-2" max="-2" attributes="0"/>
        </Group>
        <EmptySpace type="unrelated" max="-2" attributes="0"/>
        <Group type="103" groupAlignment="3" attributes="0">
            <Component id="jLabel4" alignment="3" min="-2" max="-2" attributes="0"/>
            <Component id="txtEndereco" alignment="3" min="-2" max="-2" attributes="0"/>
        </Group>
        <EmptySpace type="separate" max="-2" attributes="0"/>
        <Component id="btnCadastrar" min="-2" pref="40" max="-2" attributes="0"/>
        <EmptySpace pref="21" max="32767" attributes="0"/>
    </Group>
</Group>
</DimensionLayout>
</Layout>

```

```

<SubComponents>
  <Component class="javax.swing.JLabel" name="jLabel1">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Dialog" size="24" style="1"/>
      </Property>
      <Property name="text" type="java.lang.String" value="GUI_Cliente"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel2">
    <Properties>
      <Property name="text" type="java.lang.String" value="Nome:"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel3">
    <Properties>
      <Property name="text" type="java.lang.String" value="Telefone:"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel4">
    <Properties>
      <Property name="text" type="java.lang.String" value="Endere&#xe7;o:"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JButton" name="btnCadastrar">
    <Properties>
      <Property name="text" type="java.lang.String" value="Cadastrar"/>
    </Properties>
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="btnCadastrarActionPerformed"/>
    </Events>
  </Component>
  <Component class="javax.swing.JTextField" name="txtNome">
    <Events>
      <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="txtNomeActionPerformed"/>
    </Events>
  </Component>
  <Component class="javax.swing.JTextField" name="txtTelefone">
  </Component>
  <Component class="javax.swing.JTextField" name="txtEndereco">
  </Component>
</SubComponents>
</Form>

```

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<Form version="1.3" maxVersion="1.9"
```

```
type="org.netbeans.modules.form.forminfo.JFrameFormInfo">
```

```
  <Properties>
```

```
    <Property name="defaultCloseOperation" type="int" value="3"/>
```

```
  </Properties>
```

```
  <SyntheticProperties>
```

```
    <SyntheticProperty name="formSizePolicy" type="int" value="1"/>
```

```
    <SyntheticProperty name="generateCenter" type="boolean" value="false"/>
```

```
  </SyntheticProperties>
```

```
  <Events>
```

```
    <EventHandler event="windowGainedFocus"
```

```
listener="java.awt.event.WindowFocusListener" parameters="java.awt.event.WindowEvent"
handler="formWindowGainedFocus"/>
```

```
    <EventHandler event="windowOpened" listener="java.awt.event.WindowListener"
```

```
parameters="java.awt.event.WindowEvent" handler="formWindowOpened"/>
```

```
  </Events>
```

```
  <AuxValues>
```

```
    <AuxValue name="FormSettings_autoResourcing" type="java.lang.Integer" value="0"/>
```

```
    <AuxValue name="FormSettings_autoSetComponentName" type="java.lang.Boolean"
value="false"/>
```

```
    <AuxValue name="FormSettings_generateFQN" type="java.lang.Boolean" value="true"/>
```

```
    <AuxValue name="FormSettings_generateMnemonicsCode" type="java.lang.Boolean"
value="false"/>
```

```
    <AuxValue name="FormSettings_i18nAutoMode" type="java.lang.Boolean"
value="false"/>
```

```
    <AuxValue name="FormSettings_layoutCodeTarget" type="java.lang.Integer" value="1"/>
```

```
    <AuxValue name="FormSettings_listenerGenerationStyle" type="java.lang.Integer"
value="0"/>
```

```
    <AuxValue name="FormSettings_variablesLocal" type="java.lang.Boolean"
value="false"/>
```

```
    <AuxValue name="FormSettings_variablesModifier" type="java.lang.Integer" value="2"/>
```

```
  </AuxValues>
```

```
<Layout>
```

```
  <DimensionLayout dim="0">
```

```
    <Group type="103" groupAlignment="0" attributes="0">
```

```
      <Group type="102" alignment="0" attributes="0">
```

```
        <EmptySpace max="-2" attributes="0"/>
```

```
        <Group type="103" groupAlignment="1" max="-2" attributes="0">
```

```
          <Group type="102" attributes="0">
```

```
            <Group type="103" groupAlignment="1" attributes="0">
```

```
              <Group type="102" attributes="0">
```

```
                <Component id="jLabel2" min="-2" max="-2" attributes="0"/>
```

```

        <EmptySpace max="-2" attributes="0"/>
        <Component id="jLabel4" min="-2" max="-2" attributes="0"/>
        <EmptySpace max="-2" attributes="0"/>
        <Component id="cbxSabor" max="32767" attributes="0"/>
    </Group>
    <Component id="jLabel1" min="-2" max="-2" attributes="0"/>
</Group>
<EmptySpace max="-2" attributes="0"/>
<Group type="103" groupAlignment="0" attributes="0">
    <Component id="lblNome" alignment="0" min="-2" max="-2" attributes="0"/>
    <Group type="102" alignment="0" attributes="0">
        <Component id="jLabel5" min="-2" max="-2" attributes="0"/>
        <EmptySpace max="-2" attributes="0"/>
        <Component id="cbxTipo" min="-2" max="-2" attributes="0"/>
        <EmptySpace max="-2" attributes="0"/>
        <Component id="jLabel6" min="-2" max="-2" attributes="0"/>
        <EmptySpace max="-2" attributes="0"/>
        <Component id="cbxQt" min="-2" max="-2" attributes="0"/>
        <EmptySpace max="-2" attributes="0"/>
        <Component id="jLabel7" min="-2" max="-2" attributes="0"/>
        <EmptySpace min="-2" pref="6" max="-2" attributes="0"/>
        <Component id="txtValorPizza" min="-2" pref="75" max="-2"
attributes="0"/>
    </Group>
</Group>
</Group>
<Group type="102" alignment="1" attributes="0">
    <Component id="jLabel3" min="-2" max="-2" attributes="0"/>
    <EmptySpace max="-2" attributes="0"/>
    <Component id="jLabel8" min="-2" max="-2" attributes="0"/>
    <EmptySpace max="-2" attributes="0"/>
    <Component id="cbxNome" min="-2" pref="98" max="-2" attributes="0"/>
    <EmptySpace max="-2" attributes="0"/>
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" attributes="0">
            <Component id="jLabel9" min="-2" max="-2" attributes="0"/>
            <EmptySpace max="-2" attributes="0"/>
            <Component id="cbxTipo2" min="-2" max="-2" attributes="0"/>
            <EmptySpace max="-2" attributes="0"/>
            <Component id="jLabel10" min="-2" max="-2" attributes="0"/>
            <EmptySpace max="-2" attributes="0"/>
            <Component id="cbxQt2" min="-2" max="-2" attributes="0"/>
        </Group>
        <Component id="btnFinalizar" min="-2" pref="138" max="-2" attributes="0"/>
    </Group>
<EmptySpace max="-2" attributes="0"/>

```

```

        <Component id="jLabel11" min="-2" max="-2" attributes="0"/>
        <EmptySpace min="-2" pref="6" max="-2" attributes="0"/>
        <Component id="txtValorBebida" min="-2" pref="75" max="-2" attributes="0"/>
    </Group>
</Group>
<EmptySpace max="32767" attributes="0"/>
</Group>
</Group>
</DimensionLayout>
<DimensionLayout dim="1">
    <Group type="103" groupAlignment="0" attributes="0">
        <Group type="102" alignment="0" attributes="0">
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel1" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="lblNome" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace min="-2" pref="17" max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel2" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel4" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel5" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel6" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel7" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="txtValorPizza" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="cbxTipo" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="cbxQt" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="cbxSabor" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace max="-2" attributes="0"/>
            <Group type="103" groupAlignment="3" attributes="0">
                <Component id="jLabel3" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel8" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel9" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel10" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="jLabel11" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="txtValorBebida" alignment="3" min="-2" max="-2"
attributes="0"/>
                <Component id="cbxTipo2" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="cbxQt2" alignment="3" min="-2" max="-2" attributes="0"/>
                <Component id="cbxNome" alignment="3" min="-2" max="-2" attributes="0"/>
            </Group>
            <EmptySpace pref="19" max="32767" attributes="0"/>
            <Component id="btnFinalizar" min="-2" pref="52" max="-2" attributes="0"/>
            <EmptySpace max="-2" attributes="0"/>
        </Group>

```

```

    </Group>
  </DimensionLayout>
</Layout>
<SubComponents>
  <Component class="javax.swing.JLabel" name="jLabel1">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Dialog" size="24" style="1"/>
      </Property>
      <Property name="text" type="java.lang.String" value="GUI_Pedido"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="lblNome">
    <Properties>
      <Property name="text" type="java.lang.String" value="Ol&#xe1;"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel2">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Dialog" size="14" style="1"/>
      </Property>
      <Property name="text" type="java.lang.String" value="Pizza"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel3">
    <Properties>
      <Property name="font" type="java.awt.Font"
editor="org.netbeans.beaninfo.editors.FontEditor">
        <Font name="Dialog" size="14" style="1"/>
      </Property>
      <Property name="text" type="java.lang.String" value="Bebida"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel4">
    <Properties>
      <Property name="text" type="java.lang.String" value="Sabor"/>
    </Properties>
  </Component>
  <Component class="javax.swing.JLabel" name="jLabel5">
    <Properties>
      <Property name="text" type="java.lang.String" value="Tipo"/>
    </Properties>
  </Component>

```

```

<Component class="javax.swing.JLabel" name="jLabel6">
  <Properties>
    <Property name="text" type="java.lang.String" value="Quantidade"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel7">
  <Properties>
    <Property name="text" type="java.lang.String" value="Valor"/>
  </Properties>
</Component>
<Component class="javax.swing.JTextField" name="txtValorPizza">
  <Properties>
    <Property name="enabled" type="boolean" value="false"/>
  </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="cbxTipo">
  <Properties>
    <Property name="model" type="javax.swing.ComboBoxModel"
editor="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
      <StringArray count="2">
        <StringItem index="0" value="Grande"/>
        <StringItem index="1" value="Broto"/>
      </StringArray>
    </Property>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="cbxTipoActionPerformed"/>
  </Events>
  <AuxValues>
    <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.lang.String"
value="&lt;String&gt;"/>
  </AuxValues>
</Component>
<Component class="javax.swing.JComboBox" name="cbxQt">
  <Properties>
    <Property name="model" type="javax.swing.ComboBoxModel"
editor="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
      <StringArray count="5">
        <StringItem index="0" value="1"/>
        <StringItem index="1" value="2"/>
        <StringItem index="2" value="3"/>
        <StringItem index="3" value="4"/>
        <StringItem index="4" value="5"/>
      </StringArray>
    </Property>
  </Properties>

```



```

</Properties>
<Events>
  <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="cbxQtActionPerformed"/>
</Events>
<AuxValues>
  <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.lang.String"
value="&lt;String&gt;"/>
</AuxValues>
</Component>
<Component class="javax.swing.JLabel" name="jLabel8">
  <Properties>
    <Property name="text" type="java.lang.String" value="Nome"/>
  </Properties>
</Component>
<Component class="javax.swing.JLabel" name="jLabel9">
  <Properties>
    <Property name="text" type="java.lang.String" value="Tipo"/>
  </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="cbxTipo2">
  <Properties>
    <Property name="model" type="javax.swing.ComboBoxModel"
editor="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
      <StringArray count="2">
        <StringItem index="0" value="Lata"/>
        <StringItem index="1" value="2 Litros"/>
      </StringArray>
    </Property>
  </Properties>
  <Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="cbxTipo2ActionPerformed"/>
  </Events>
  <AuxValues>
    <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.lang.String"
value="&lt;String&gt;"/>
  </AuxValues>
</Component>
<Component class="javax.swing.JLabel" name="jLabel10">
  <Properties>
    <Property name="text" type="java.lang.String" value="Quantidade"/>
  </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="cbxQt2">
  <Properties>

```

```

    <Property name="model" type="javax.swing.ComboBoxModel"
editor="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
    <StringArray count="5">
        <StringItem index="0" value="1"/>
        <StringItem index="1" value="2"/>
        <StringItem index="2" value="3"/>
        <StringItem index="3" value="4"/>
        <StringItem index="4" value="5"/>
    </StringArray>
    </Property>
</Properties>
<Events>
    <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="cbxQt2ActionPerformed"/>
</Events>
<AuxValues>
    <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.lang.String"
value="&lt;String&gt;"/>
</AuxValues>
</Component>
<Component class="javax.swing.JLabel" name="jLabel11">
    <Properties>
        <Property name="text" type="java.lang.String" value="Valor"/>
    </Properties>
</Component>
<Component class="javax.swing.JTextField" name="txtValorBebida">
    <Properties>
        <Property name="enabled" type="boolean" value="false"/>
    </Properties>
</Component>
<Component class="javax.swing.JComboBox" name="cbxNome">
    <Properties>
        <Property name="model" type="javax.swing.ComboBoxModel"
editor="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
            <StringArray count="3">
                <StringItem index="0" value="Coca-Cola"/>
                <StringItem index="1" value="&#xc1;gua"/>
                <StringItem index="2" value="Guarana"/>
            </StringArray>
        </Property>
    </Properties>
    <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="cbxNomeActionPerformed"/>
    </Events>
    <AuxValues>

```

```

        <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.lang.String"
value="&lt;String&gt;"/>
    </AuxValues>
</Component>
<Component class="javax.swing.JComboBox" name="cbxSabor">
    <Properties>
        <Property name="model" type="javax.swing.ComboBoxModel"
editor="org.netbeans.modules.form.editors2.ComboBoxModelEditor">
            <StringArray count="3">
                <StringItem index="0" value="Portuguesa"/>
                <StringItem index="1" value="Marguerita"/>
                <StringItem index="2" value="Chocolate"/>
            </StringArray>
        </Property>
    </Properties>
    <Events>
        <EventHandler event="mouseClicked" listener="java.awt.event.MouseListener"
parameters="java.awt.event.MouseEvent" handler="cbxSaborMouseClicked"/>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="cbxSaborActionPerformed"/>
    </Events>
    <AuxValues>
        <AuxValue name="JavaCodeGenerator_TypeParameters" type="java.lang.String"
value="&lt;String&gt;"/>
    </AuxValues>
</Component>
<Component class="javax.swing.JButton" name="btnFinalizar">
    <Properties>
        <Property name="text" type="java.lang.String" value="Finalizar"/>
    </Properties>
    <Events>
        <EventHandler event="actionPerformed" listener="java.awt.event.ActionListener"
parameters="java.awt.event.ActionEvent" handler="btnFinalizarActionPerformed"/>
    </Events>
</Component>
</SubComponents>
</Form>

```

















