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/*
 * 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 eduardo.com.br.prova2;

import javax.swing.JFrame;
import javax.swing.JOptionPane;

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

    /**
     * Creates new form TelaPrincipal
     */
    public TelaPrincipal() {
        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">
    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        TxtPeso = new javax.swing.JTextField();
        TxtAltura = new javax.swing.JTextField();
        btnCalcular = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
        setResizable(false);

        jLabel1.setText("Peso");

        jLabel2.setText("Altura");

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

        btnCalcular.setText("Calcular");

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btnCalcular.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnCalcularActionPerformed(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)
            .addGap(153, 153, 153)
            .addComponent(jLabel2)
            .addGap(0, 0, Short.MAX_VALUE))
        .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(TxtPeso, javax.swing.GroupLayout.PREFERRED_SIZE, 92,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(44, 44, 44)
                    .addComponent(TxtAltura, javax.swing.GroupLayout.PREFERRED_SIZE, 127,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addComponent(btnCalcular))
            .addGap(21, 21, Short.MAX_VALUE))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(btnCalcular)
            .addGap(30, 30, Short.MAX_VALUE))
);

pack();
} // </editor-fold>

private void TxtAlturaActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void btnCalcularActionPerformed(java.awt.event.ActionEvent evt) {

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// TODO add your handling code here:
float peso, altura, icm;
altura = Float.parseFloat(TxtAltura.getText());
peso = Float.parseFloat(TxtPeso.getText());
icm = peso/(altura*altura);
JFrame frame = new JFrame();

if(icm<18.5){
OptionPane.showMessageDialog(frame,"Abaixo do peso ");

}
if(icm>=18.5 && icm>=24.9){
OptionPane.showMessageDialog(frame,"Acima do peso");
}

}

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

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

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

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

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/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new TelaPrincipal().setVisible(true);
    }
});

// Variables declaration - do not modify
private javax.swing.JTextField TxtAltura;
private javax.swing.JTextField TxtPeso;
private javax.swing.JButton btnCalcular;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
// End of variables declaration
}
```