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1)No exemplo dadoem sala de aula, acrescentar botões para subtrair, dividir e multiplicar os 2 valores, exibindo o resultado.

public class Calculadora2 extends javax.swing.JFrame {

    public Calculadora2() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

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

    private void initComponents() {

        jLabel1 = new javax.swing.JLabel();

        txtNumero1 = new javax.swing.JTextField();

        txtNumero2 = new javax.swing.JTextField();

        jLabel2 = new javax.swing.JLabel();

        txtResultado = new javax.swing.JTextField();

        btnSoma = new javax.swing.JButton();

        btnDivisao = new javax.swing.JButton();

        btnSubtracao = new javax.swing.JButton();

        btnMultiplicacao = new javax.swing.JButton();

        btnSair = new javax.swing.JButton();

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

        jLabel1.setText("Calculando 2 números");

        jLabel2.setText("Resultado=");

        btnSoma.setText("SOMA");

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

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

                btnSomaActionPerformed(evt);

            }

        });

        btnDivisao.setText("DIVISÃO");

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

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

                btnDivisaoActionPerformed(evt);

            }

        });

        btnSubtracao.setText("SUBTRAÇÃO");

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

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

                btnSubtracaoActionPerformed(evt);

            }

        });

        btnMultiplicacao.setText("MULTIPLICAÇÃO");

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

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

                btnMultiplicacaoActionPerformed(evt);

            }

        });

        btnSair.setText("SAIR");

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

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

                btnSairActionPerformed(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()

                        .addContainerGap()

                        .addComponent(jLabel1)

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

                        .addComponent(txtNumero1, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                        .addComponent(txtNumero2, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                        .addComponent(jLabel2)

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

                        .addComponent(txtResultado, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                        .addComponent(btnSoma))

                    .addGroup(layout.createSequentialGroup()

                        .addGap(300, 300, 300)

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

                            .addComponent(btnSair)

                            .addComponent(btnDivisao))))

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

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

                    .addComponent(btnSubtracao)

                    .addComponent(btnMultiplicacao))

                .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(txtNumero1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(txtNumero2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel2)

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

                    .addComponent(btnSoma)

                    .addComponent(btnSubtracao))

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

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

                    .addComponent(btnDivisao)

                    .addComponent(btnMultiplicacao))

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

                .addComponent(btnSair)

                .addContainerGap(23, Short.MAX\_VALUE))

        );

        pack();

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

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

        txtResultado.setText(String.valueOf(Double.parseDouble(txtNumero1.getText()) + Double.parseDouble(txtNumero2.getText())));

    }//GEN-LAST:event\_btnSomaActionPerformed

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

        txtResultado.setText(String.valueOf(Double.parseDouble(txtNumero1.getText()) - Double.parseDouble(txtNumero2.getText())));

    }//GEN-LAST:event\_btnSubtracaoActionPerformed

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

        txtResultado.setText(String.valueOf(Double.parseDouble(txtNumero1.getText()) / Double.parseDouble(txtNumero2.getText())));

    }//GEN-LAST:event\_btnDivisaoActionPerformed

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

        txtResultado.setText(String.valueOf(Double.parseDouble(txtNumero1.getText()) \* Double.parseDouble(txtNumero2.getText())));

    }//GEN-LAST:event\_btnMultiplicacaoActionPerformed

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

        System.exit(0);

    }//GEN-LAST:event\_btnSairActionPerformed

    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(Calculadora2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(Calculadora2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(Calculadora2.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(Calculadora2.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 Calculadora2().setVisible(true);

            }

        });

    }

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

    private javax.swing.JButton btnDivisao;

    private javax.swing.JButton btnMultiplicacao;

    private javax.swing.JButton btnSair;

    private javax.swing.JButton btnSoma;

    private javax.swing.JButton btnSubtracao;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JTextField txtNumero1;

    private javax.swing.JTextField txtNumero2;

    private javax.swing.JTextField txtResultado;

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

}

2)Elabore um frame que simule o teclado de um telefone digital, de acordo com a Figura.A cada tecla pressionada o númeroé acumulado na caixa de texto. O botão Limpar apaga todos os números digitados.

public class TecladoTelefone extends javax.swing.JFrame {

    /\*\*

     \* Creates new form TecladoTelefone

     \*/

    public TecladoTelefone() {

        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() {

        btn01 = new javax.swing.JButton();

        btn02 = new javax.swing.JButton();

        btn03 = new javax.swing.JButton();

        btn04 = new javax.swing.JButton();

        btn05 = new javax.swing.JButton();

        btn06 = new javax.swing.JButton();

        btn07 = new javax.swing.JButton();

        btn08 = new javax.swing.JButton();

        btn09 = new javax.swing.JButton();

        btnAsteristico = new javax.swing.JButton();

        btn00 = new javax.swing.JButton();

        btnSustenido = new javax.swing.JButton();

        btnLimpar = new javax.swing.JButton();

        txtDisplay = new javax.swing.JTextField();

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

        btn01.setText("1");

        btn01.addActionListener(new java.awt.event.ActionListener() {

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

                btn01ActionPerformed(evt);

            }

        });

        btn02.setText("2");

        btn02.addActionListener(new java.awt.event.ActionListener() {

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

                btn02ActionPerformed(evt);

            }

        });

        btn03.setText("3");

        btn03.addActionListener(new java.awt.event.ActionListener() {

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

                btn03ActionPerformed(evt);

            }

        });

        btn04.setText("4");

        btn04.addActionListener(new java.awt.event.ActionListener() {

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

                btn04ActionPerformed(evt);

            }

        });

        btn05.setText("5");

        btn05.addActionListener(new java.awt.event.ActionListener() {

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

                btn05ActionPerformed(evt);

            }

        });

        btn06.setText("6");

        btn06.addActionListener(new java.awt.event.ActionListener() {

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

                btn06ActionPerformed(evt);

            }

        });

        btn07.setText("7");

        btn07.addActionListener(new java.awt.event.ActionListener() {

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

                btn07ActionPerformed(evt);

            }

        });

        btn08.setText("8");

        btn08.addActionListener(new java.awt.event.ActionListener() {

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

                btn08ActionPerformed(evt);

            }

        });

        btn09.setText("9");

        btn09.addActionListener(new java.awt.event.ActionListener() {

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

                btn09ActionPerformed(evt);

            }

        });

        btnAsteristico.setText("\*");

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

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

                btnAsteristicoActionPerformed(evt);

            }

        });

        btn00.setText("0");

        btn00.addActionListener(new java.awt.event.ActionListener() {

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

                btn00ActionPerformed(evt);

            }

        });

        btnSustenido.setText("#");

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

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

                btnSustenidoActionPerformed(evt);

            }

        });

        btnLimpar.setText("Limpar");

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

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

                btnLimparActionPerformed(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()

                .addGap(49, 49, 49)

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

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

                    .addGroup(layout.createSequentialGroup()

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

                            .addComponent(btnAsteristico, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                                .addComponent(btn01, javax.swing.GroupLayout.DEFAULT\_SIZE, 50, Short.MAX\_VALUE)

                                .addComponent(btn04, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                                .addComponent(btn07, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))

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

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

                            .addGroup(layout.createSequentialGroup()

                                .addComponent(btn08, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                                .addComponent(btn09, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE))

                            .addGroup(layout.createSequentialGroup()

                                .addComponent(btn02, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                                .addComponent(btn03, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE))

                            .addGroup(layout.createSequentialGroup()

                                .addComponent(btn05, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                                .addComponent(btn06, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE))

                            .addGroup(layout.createSequentialGroup()

                                .addComponent(btn00, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

                                .addComponent(btnSustenido, javax.swing.GroupLayout.PREFERRED\_SIZE, 50, javax.swing.GroupLayout.PREFERRED\_SIZE))))

                    .addComponent(txtDisplay, javax.swing.GroupLayout.Alignment.TRAILING))

                .addContainerGap(41, Short.MAX\_VALUE))

        );

        layout.setVerticalGroup(

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

            .addGroup(layout.createSequentialGroup()

                .addGap(26, 26, 26)

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

                    .addComponent(btn01)

                    .addComponent(btn02)

                    .addComponent(btn03))

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

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

                    .addComponent(btn04)

                    .addComponent(btn05)

                    .addComponent(btn06))

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

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

                    .addComponent(btn07)

                    .addComponent(btn08)

                    .addComponent(btn09))

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

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

                    .addComponent(btnAsteristico)

                    .addComponent(btn00)

                    .addComponent(btnSustenido))

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

                .addComponent(btnLimpar)

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

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

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

        );

        pack();

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

    private void btn01ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn01ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "1"));

    }//GEN-LAST:event\_btn01ActionPerformed

    private void btn02ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn02ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "2"));

    }//GEN-LAST:event\_btn02ActionPerformed

    private void btn03ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn03ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "3"));

    }//GEN-LAST:event\_btn03ActionPerformed

    private void btn04ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn04ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "4"));

    }//GEN-LAST:event\_btn04ActionPerformed

    private void btn05ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn05ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "5"));

    }//GEN-LAST:event\_btn05ActionPerformed

    private void btn06ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn06ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "6"));

    }//GEN-LAST:event\_btn06ActionPerformed

    private void btn07ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn07ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "7"));

    }//GEN-LAST:event\_btn07ActionPerformed

    private void btn08ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn08ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "8"));

    }//GEN-LAST:event\_btn08ActionPerformed

    private void btn09ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn09ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "9"));

    }//GEN-LAST:event\_btn09ActionPerformed

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

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "\*"));

    }//GEN-LAST:event\_btnAsteristicoActionPerformed

    private void btn00ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_btn00ActionPerformed

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "0"));

    }//GEN-LAST:event\_btn00ActionPerformed

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

        txtDisplay.setText(String.valueOf(txtDisplay.getText() + "#"));

    }//GEN-LAST:event\_btnSustenidoActionPerformed

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

        txtDisplay.setText(String.valueOf(""));

    }//GEN-LAST:event\_btnLimparActionPerformed

    /\*\*

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

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

            }

        });

    }

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

    private javax.swing.JButton btn00;

    private javax.swing.JButton btn01;

    private javax.swing.JButton btn02;

    private javax.swing.JButton btn03;

    private javax.swing.JButton btn04;

    private javax.swing.JButton btn05;

    private javax.swing.JButton btn06;

    private javax.swing.JButton btn07;

    private javax.swing.JButton btn08;

    private javax.swing.JButton btn09;

    private javax.swing.JButton btnAsteristico;

    private javax.swing.JButton btnLimpar;

    private javax.swing.JButton btnSustenido;

    private javax.swing.JTextField txtDisplay;

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

}

3)Criar um frame contendo uma caixa de texto onde o usuário digita um valor numérico qualquer referente à venda. Calcular o ICMS, que corresponde a 18% do valor da venda e o IPI, correspondente a 5%. Em outra caixa exibir o Valor Total, que é a soma de todos os valores, isto é, Valor da Venda + ICMS + IPI.

public class CalculadoraICMSIPI extends javax.swing.JFrame {

    /\*\*

     \* Creates new form CalculadoraICMSIPI

     \*/

    public CalculadoraICMSIPI() {

        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();

        txtValorDaVenda = new javax.swing.JTextField();

        jLabel2 = new javax.swing.JLabel();

        jLabel3 = new javax.swing.JLabel();

        jLabel4 = new javax.swing.JLabel();

        btnCalcular = new javax.swing.JButton();

        btnLimpar = new javax.swing.JButton();

        txtICMS = new javax.swing.JTextField();

        txtIPI = new javax.swing.JTextField();

        txtValorTotal = new javax.swing.JTextField();

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

        jLabel1.setText("Valor da Venda:");

        jLabel2.setText("ICMS (18%)");

        jLabel3.setText("IPI (5%)");

        jLabel4.setText("Valor total:");

        btnCalcular.setText("Calcular");

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

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

                btnCalcularActionPerformed(evt);

            }

        });

        btnLimpar.setText("Limpar");

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

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

                btnLimparActionPerformed(evt);

            }

        });

        txtICMS.setEditable(false);

        txtIPI.setEditable(false);

        txtValorTotal.setEditable(false);

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

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

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

            .addGroup(layout.createSequentialGroup()

                .addGap(26, 26, 26)

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

                    .addGroup(layout.createSequentialGroup()

                        .addGap(22, 22, 22)

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

                            .addComponent(jLabel1)

                            .addComponent(jLabel2)))

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

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

                            .addComponent(jLabel4)

                            .addComponent(jLabel3))

                        .addGap(8, 8, 8))

                    .addComponent(btnCalcular, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED\_SIZE, 98, javax.swing.GroupLayout.PREFERRED\_SIZE))

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

                    .addGroup(layout.createSequentialGroup()

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

                        .addComponent(btnLimpar, javax.swing.GroupLayout.PREFERRED\_SIZE, 98, javax.swing.GroupLayout.PREFERRED\_SIZE))

                    .addGroup(layout.createSequentialGroup()

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

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

                            .addComponent(txtValorDaVenda)

                            .addComponent(txtICMS)

                            .addComponent(txtIPI)

                            .addComponent(txtValorTotal, javax.swing.GroupLayout.PREFERRED\_SIZE, 77, javax.swing.GroupLayout.PREFERRED\_SIZE))))

                .addGap(21, 21, 21))

        );

        layout.setVerticalGroup(

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

            .addGroup(layout.createSequentialGroup()

                .addGap(29, 29, 29)

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

                    .addComponent(jLabel1)

                    .addComponent(txtValorDaVenda, 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(txtICMS, 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(txtIPI, 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(jLabel4)

                    .addComponent(txtValorTotal, 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(btnCalcular)

                    .addComponent(btnLimpar))

                .addContainerGap(29, Short.MAX\_VALUE))

        );

        pack();

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

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

        txtICMS.setText(String.valueOf(Double.parseDouble(txtValorDaVenda.getText()) \* 0.18));

        txtIPI.setText(String.valueOf(Double.parseDouble(txtValorDaVenda.getText()) \* 0.05));

        txtValorTotal.setText(String.valueOf(Double.parseDouble(txtICMS.getText()) + Double.parseDouble(txtIPI.getText()) + Double.parseDouble(txtValorDaVenda.getText())));

    }//GEN-LAST:event\_btnCalcularActionPerformed

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

        // TODO add your handling code here:

    }//GEN-LAST:event\_btnLimparActionPerformed

    /\*\*

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

        } catch (InstantiationException ex) {

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

        } catch (IllegalAccessException ex) {

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

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

            }

        });

    }

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

    private javax.swing.JButton btnCalcular;

    private javax.swing.JButton btnLimpar;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JLabel jLabel4;

    private javax.swing.JTextField txtICMS;

    private javax.swing.JTextField txtIPI;

    private javax.swing.JTextField txtValorDaVenda;

    private javax.swing.JTextField txtValorTotal;

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

}