Tarea Sistemas de información

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Tarea de las recetas código

Código JAVA

```java
package recetas;

import com.mysql.jdbc.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import java.sql.Statement;
import javax.swing.JOptionPane;

/**
 *
 * @author jess
 */
public class recipe extends javax.swing.JFrame {
    private static Connection con;

    private static final String driver="com.mysql.jdbc.Driver";
    private static final String user="root";
    private static final String pass="12345678";
    private static final String
url="jdbc:mysql://localhost:3306/recipesDB?characterEncoding=latin1";

    public void conector() {
```

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        try {
           Class.forName(driver);

           con = (Connection) DriverManager.getConnection(url, user, pass);

           Statement stat = con.createStatement();

           String sql = "INSERT IGNORE INTO receta (nombre, valor) VALUES ('" +
inputRecipe.getText() + "','" + inputValue.getText() + "')";
           int res = stat.executeUpdate(sql);

           if(res == 1) {
              JOptionPane.showMessageDialog(null, "Se agrego correctamente");
           } else {
              JOptionPane.showMessageDialog(null, "La receta ya existe en la base de
datos");
           }
        }

        catch (ClassNotFoundException | SQLException e){

        }
    }
    /**
     * Creates new form recipe
     */
    public recipe() {
       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() {

       jPanel1 = new javax.swing.JPanel();
       jLabel3 = new javax.swing.JLabel();
       jLabel4 = new javax.swing.JLabel();
       addButton = new javax.swing.JToggleButton();
       jLabel5 = new javax.swing.JLabel();
       inputRecipe = new javax.swing.JTextField();
       inputValue = new javax.swing.JTextField();

       setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

       jPanel1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(102,
102, 102), 3, true));
       jPanel1.setForeground(new java.awt.Color(255, 255, 255));

       jLabel3.setBackground(new java.awt.Color(0, 0, 0));
```

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jLabel3.setFont(new java.awt.Font("Lucida Grande", 0, 24)); // NOI18N
jLabel3.setForeground(new java.awt.Color(51, 51, 51));
jLabel3.setText("Recetas");

jLabel4.setFont(new java.awt.Font("Lucida Grande", 0, 18)); // NOI18N
jLabel4.setForeground(new java.awt.Color(51, 51, 51));
jLabel4.setText("Agregar receta:");

addButton.setText("Agregar");
addButton.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        addButtonActionPerformed(evt);
    }
});

jLabel5.setText("Valor por té de sopar: ");

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

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel5)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(inputValue,
javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel4)
                    .addGap(12, 12, 12)
                    .addComponent(inputRecipe,
javax.swing.GroupLayout.PREFERRED_SIZE, 342,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(236, 236, 236)
            .addComponent(jLabel3))
        .addGroup(jPanel1Layout.createSequentialGroup()
```

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                    .addGap(217, 217, 217)
                    .addComponent(addButton,
javax.swing.GroupLayout.PREFERRED_SIZE, 120,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addContainerGap(65, Short.MAX_VALUE))
        );
        jPanel1Layout.setVerticalGroup(

jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel1Layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(17, 17, 17)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
SELINE)
                    .addComponent(jLabel4)
                    .addComponent(inputRecipe,
javax.swing.GroupLayout.PREFERRED_SIZE, 44,
javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(50, 50, 50)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
SELINE)
                    .addComponent(jLabel5)
                    .addComponent(inputValue, javax.swing.GroupLayout.PREFERRED_SIZE,
40, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(47, 47, 47)
                .addComponent(addButton, javax.swing.GroupLayout.PREFERRED_SIZE,
39, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(58, Short.MAX_VALUE))
        );

        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()
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(94, Short.MAX_VALUE))
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

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                .addGap(183, 183, 183))
        );

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

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

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

    /**
     * @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(recipe.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(recipe.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(recipe.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(recipe.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
        }
        //</editor-fold>
```

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

    // Variables declaration - do
    not modify private
    javax.swing.JToggleButton
    addButton; private
    javax.swing.JTextField
    inputRecipe; private
    javax.swing.JTextField
    inputValue; private
    javax.swing.JLabel jLabel3;
    private
    javax.swing.JLab
    el jLabel4; private
    javax.swing.JLab
    el jLabel5; private
    javax.swing.JPan
    el jPanel1;
    // End of variables declaration
}
```