

Université Sultan Moulay Slimane

Ecole Nationale des Sciences Appliquées – Khouribga

Filière Informatique et ingénierie des données



Rapport de TP10

Module : POO

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Code :

```
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextArea;
import java.awt.Font;
import java.awt.SystemColor;
import javax.swing.JTextField;
import java.awt.Color;
import java.awt.EventQueue;

import javax.swing.JButton;
import javax.swing.event.AncestorListener;

import com.mysql.jdbc.Statement;

import javax.swing.event.AncestorEvent;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.awt.event.ActionEvent;

public class Tp10 {

    private JFrame frame;
    private JTextField textField;
    private JTextField textField_1;
    private JTextField textField_2;
    private JTextField textField_3;
    private JTextField textField_4;
    private JTextField textField_5;
    private JTextField textField_6;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Tp10 window = new Tp10();
                    window.frame.setVisible(true);
                } catch (Exception e) {
```

```

        e.printStackTrace();
    }
}

});
}

/**
 * Create the application.
 */
public Tp10() {
    initialize();
}

/**
 * Initialize the contents of the frame.
 */
private void initialize() {
    frame = new JFrame();
    frame.setBounds(100, 100, 509, 363);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.setTitle("    Ajout d'un Client ");
    frame.setSize(500,509);
    frame.getContentPane().setLayout(null);

    JTextArea txtrNom = new JTextArea();
    txtrNom.setBackground(SystemColor.control);
    txtrNom.setText("Nom :");
    txtrNom.setBounds(22, 53, 103, 31);
    frame.getContentPane().add(txtrNom);

    textField = new JTextField();
    textField.setBounds(171, 49, 187, 29);
    frame.getContentPane().add(textField);
    textField.setColumns(10);

    JTextArea txtrAdresse = new JTextArea();
    txtrAdresse.setBackground(SystemColor.control);
    txtrAdresse.setText("Adresse :");
    txtrAdresse.setBounds(22, 95, 80, 29);
    frame.getContentPane().add(txtrAdresse);

    textField_1 = new JTextField();
    textField_1.setBounds(171, 89, 187, 31);
    frame.getContentPane().add(textField_1);
    textField_1.setColumns(10);

    JTextArea txtrCodePostal = new JTextArea();
    txtrCodePostal.setBackground(SystemColor.control);
    txtrCodePostal.setText("Code postal ");

```

```
txtrCodePostal.setBounds(24, 150, 109, 31);
frame.getContentPane().add(txtrCodePostal);

textField_2 = new JTextField();
textField_2.setBounds(171, 147, 187, 31);
frame.getContentPane().add(textField_2);
textField_2.setColumns(10);

JTextArea txtrVille = new JTextArea();
txtrVille.setBackground(SystemColor.control);
txtrVille.setText(" Ville :");
txtrVille.setBounds(22, 192, 117, 31);
frame.getContentPane().add(txtrVille);

textField_3 = new JTextField();
textField_3.setBounds(171, 192, 187, 31);
frame.getContentPane().add(textField_3);
textField_3.setColumns(10);

JTextArea txtrTelephone = new JTextArea();
txtrTelephone.setText(" Telephone :");
txtrTelephone.setBackground(SystemColor.control);
txtrTelephone.setBounds(22, 246, 129, 31);
frame.getContentPane().add(txtrTelephone);

textField_4 = new JTextField();
textField_4.setBounds(171, 240, 187, 36);
frame.getContentPane().add(textField_4);
textField_4.setColumns(10);

JTextArea txtrLogin = new JTextArea();
txtrLogin.setBackground(SystemColor.control);
txtrLogin.setText(" Login :");
txtrLogin.setBounds(24, 300, 127, 36);
frame.getContentPane().add(txtrLogin);

textField_5 = new JTextField();
textField_5.setBackground(SystemColor.text);
textField_5.setBounds(171, 298, 187, 29);
frame.getContentPane().add(textField_5);
textField_5.setColumns(10);

JTextArea txtrMotDePasse = new JTextArea();
txtrMotDePasse.setBackground(SystemColor.control);
txtrMotDePasse.setText("Mot de passe : ");
txtrMotDePasse.setBounds(36, 362, 129, 31);
frame.getContentPane().add(txtrMotDePasse);

textField_6 = new JTextField();
```

```

textField_6.setBounds(181, 356, 177, 36);
frame.getContentPane().add(textField_6);
textField_6.setColumns(10);

JButton btnNewButton = new JButton("Valider");
btnNewButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        String sq = "insert into t_user values
('"+textField_5.getText()+"', '"+textField_6.getText()+"')";
        String sql = "insert into t_client values
('"+textField_5.getText()+"', '"+textField_1.getText()+"', '"+textField_2.getText(
)+"', '"+textField_3.getText()+"', '"+textField_4.getText()+"')";
        try {

            Class.forName("com.mysql.jdbc.Driver");
            Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/tp10?characterEncodin
g=latin1", "root", "");

            PreparedStatement st=conn.prepareStatement(sql);
            PreparedStatement l=conn.prepareStatement(sq);

            st.executeUpdate(sql);
            l.executeUpdate(sq);

        }

        catch (SQLException | ClassNotFoundException e1) {
            // TODO Auto-generated catch block
            e1.printStackTrace();
        }
    }
});

btnNewButton.setBounds(33, 412, 142, 31);
frame.getContentPane().add(btnNewButton);

JButton btnNewButton_1 = new JButton("Annuler");
btnNewButton_1.setBounds(201, 412, 157, 31);
frame.getContentPane().add(btnNewButton_1);

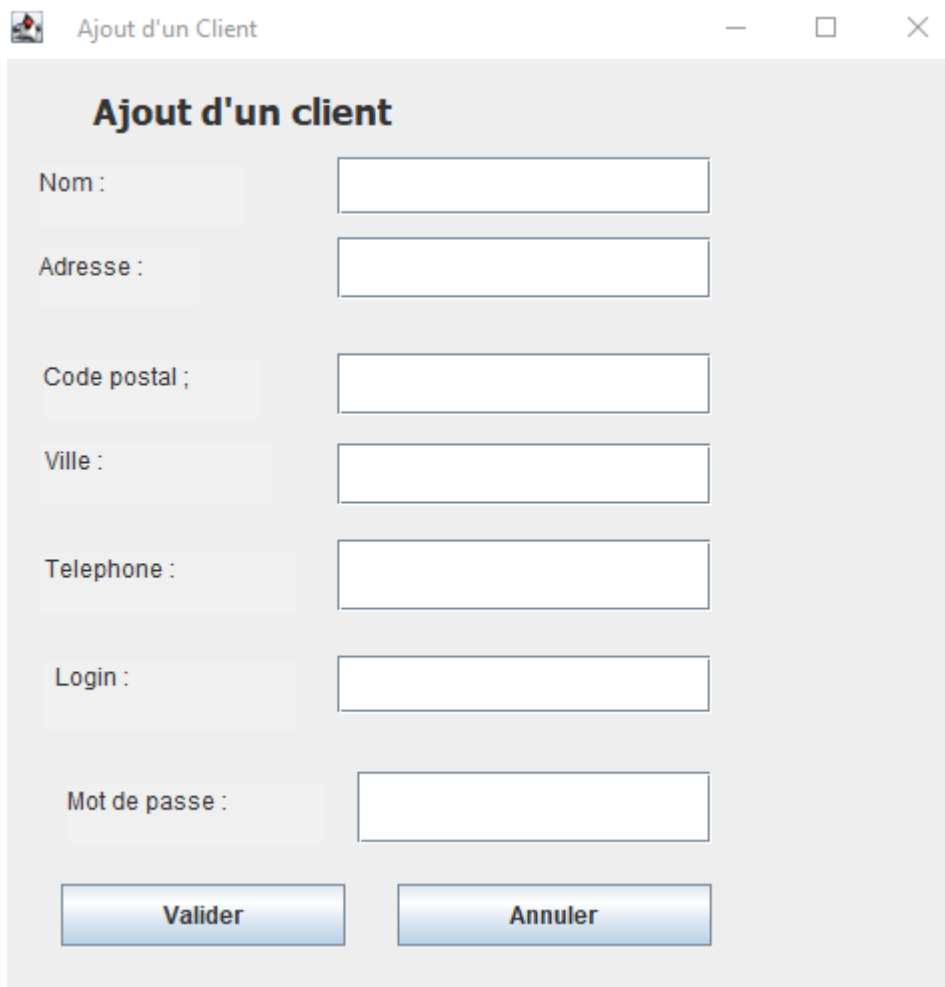
JLabel lblNewLabel = new JLabel("");
lblNewLabel.setBackground(new Color(240, 240, 240));
lblNewLabel.setBounds(10, 11, 464, 448);
frame.getContentPane().add(lblNewLabel);

JLabel lblNewLabel_1 = new JLabel("  Ajout d'un client");
lblNewLabel_1.setFont(new Font("Tahoma", Font.BOLD, 18));

```

```
lblNewLabel_1.setBounds(39, 11, 290, 31);  
frame.getContentPane().add(lblNewLabel_1);  
}  
}
```

Réalisation :



The screenshot shows a Java Swing window titled "Ajout d'un Client". The window has a standard title bar with a minimize button, a maximize button, and a close button. The main content area has a light gray background and a title "Ajout d'un client" in bold black text. Below the title, there are seven text input fields arranged vertically, each preceded by a label: "Nom :", "Adresse :", "Code postal :", "Ville :", "Telephone :", "Login :", and "Mot de passe :". At the bottom of the window, there are two buttons: "Valider" and "Annuler".

Label	Input Field
Nom :	<input type="text"/>
Adresse :	<input type="text"/>
Code postal :	<input type="text"/>
Ville :	<input type="text"/>
Telephone :	<input type="text"/>
Login :	<input type="text"/>
Mot de passe :	<input type="password"/>

Buttons: Valider, Annuler