TASK 3 Sinchana E

```java
import javax.swing.*;

import java.awt.*;

import java.awt.event.*;

public class SimpleLogin extends JFrame {

    JTextField txtUser;

    JPasswordField txtPass;

    JButton btnLogin, btnClear;


    public SimpleLogin() {


        setTitle("User Login");

        setSize(350, 250);

        setLocationRelativeTo(null);

        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);


        JPanel panel = new JPanel();

        panel.setLayout(null);

        panel.setBackground(new Color(230, 245, 255));


        JLabel lblTitle = new JLabel("LOGIN FORM");

        lblTitle.setFont(new Font("Arial", Font.BOLD, 20));

        lblTitle.setBounds(110, 15, 200, 30);

        panel.add(lblTitle);


        JLabel lblUser = new JLabel("Username:");

        lblUser.setBounds(40, 70, 80, 25);
```

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panel.add(lblUser);

txtUser = new JTextField();

txtUser.setBounds(130, 70, 150, 25);

panel.add(txtUser);

JLabel lblPass = new JLabel("Password:");

lblPass.setBounds(40, 110, 80, 25);

panel.add(lblPass);

txtPass = new JPasswordField();

txtPass.setBounds(130, 110, 150, 25);

panel.add(txtPass);

btnLogin = new JButton("Login");

btnLogin.setBounds(60, 160, 90, 30);

panel.add(btnLogin);

btnClear = new JButton("Clear");

btnClear.setBounds(180, 160, 90, 30);

panel.add(btnClear);


// Login button action

btnLogin.addActionListener(e -> {

   String user = txtUser.getText();

   String pass = new String(txtPass.getPassword());


   if (user.equals("student") && pass.equals("login123")) {

     JOptionPane.showMessageDialog(this,

         "Login Successful!",

         "Success",

         JOptionPane.INFORMATION_MESSAGE);

   } else {
```

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                JOptionPane.showMessageDialog(this,

                    "Invalid Username or Password",

                    "Error",

                    JOptionPane.ERROR_MESSAGE);

            }

        });

        // Clear button action

        btnClear.addActionListener(e -> {

            txtUser.setText("");

            txtPass.setText("");

        });

        add(panel);

    }

    public static void main(String[] args) {

        new SimpleLogin().setVisible(true);

    }

}
```