

In this code i can create two labels username and password, two text fields for the user to enter valid credentials and finally one submit button. Once the user is able to enter the valid credentials in the two text fields, we can able to see Hello admin in the login form.

```
import java.awt.*;

import java.awt.event.*;

import javax.swing.*;

public class LoginDemo extends JFrame implements ActionListener {

    JPanel panel;

    JLabel user_label, password_label, message;

    JTextField userName_text;

    JPasswordField password_text;

    JButton submit, cancel;

    LoginDemo() {

        // Username Label

        user_label = new JLabel();

        user_label.setText("User Name :");

        userName_text = new JTextField();

        // Password Label

        password_label = new JLabel();

        password_label.setText("Password :");

        password_text = new JPasswordField();

        // Submit

        submit = new JButton("SUBMIT");

        panel = new JPanel(new GridLayout(3, 1));

        panel.add(user_label);

        panel.add(userName_text);

        panel.add(password_label);

        panel.add(password_text);

        message = new JLabel();

        panel.add(message);

        panel.add(submit);

        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        // Adding the listeners to components..

        submit.addActionListener(this);

        add(panel, BorderLayout.CENTER);
```

```
setTitle("Please Login Here !");
setSize(450,350);
setVisible(true);
}
public static void main(String[] args) {
    new LoginDemo();
}
@Override
public void actionPerformed(ActionEvent ae) {
    String userName = userName_text.getText();
    String password = password_text.getText();
    if (userName.trim().equals("admin") && password.trim().equals("admin")) {
        message.setText(" Hello " + userName + "");
    } else {
        message.setText(" Invalid user.. ");
    }
}
}
```