Experiment 5

Write a program to demonstrate the use of JTextField and JPasswordField using Listener

Interface

*import* javax.swing.\*;

*import* java.awt.\*;

*import* java.awt.event.ActionEvent;

*import* java.awt.event.ActionListener;

public class LoginForm extends JFrame implements ActionListener {

private JTextField usernameField;

private JPasswordField passwordField;

private JButton loginButton;

private JLabel statusLabel;

public LoginForm() {

setTitle("Login Form");

setSize(300, 200);

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setLayout(*new* GridLayout(4, 2, 10, 10));

add(*new* JLabel("Username:"));

usernameField *=* *new* JTextField(15);

add(usernameField);

add(*new* JLabel("Password:"));

passwordField *=* *new* JPasswordField(15);

add(passwordField);

loginButton *=* *new* JButton("Login");

loginButton.addActionListener(this);

add(loginButton);

statusLabel *=* *new* JLabel("");

add(statusLabel);

setLocationRelativeTo(null);

setVisible(true);

}

public void actionPerformed(ActionEvent e) {

String username *=* usernameField.getText();

String password *=* *new* String(passwordField.getPassword());

statusLabel.setText("Username: " *+* username *+* ", Password: " *+* password);

}

public static void main(String[] args) {

*new* LoginForm();

}

}

