import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import javax.swing.JButton;

import javax.swing.JCheckBox;

import javax.swing.JFormattedTextField;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPasswordField;

public class LoginFrame extends JFrame implements ActionListener {

Container container = getContentPane();

JLabel userLabel = new JLabel("USERNAME");

JLabel passwordLabel = new JLabel("PASSWORD");

JFormattedTextField userTextField = new JFormattedTextField();

JPasswordField passwordField = new JPasswordField();

JButton loginButton = new JButton("LOGIN");

JButton resetButton = new JButton("RESET");

JCheckBox showPassword = new JCheckBox("Show Password");

LoginFrame() {

setLayoutManager();

setLocationAndSize();

addComponentsToContainer();

addActionEvent();

}

public void setLayoutManager() {

container.setLayout(null);

}

public void setLocationAndSize() {

userLabel.setBounds(50, 150, 100, 30);

passwordLabel.setBounds(50, 220, 100, 30);

userTextField.setBounds(150, 150, 150, 30);

passwordField.setBounds(150, 220, 150, 30);

showPassword.setBounds(150, 250, 150, 30);

loginButton.setBounds(50, 300, 100, 30);

resetButton.setBounds(200, 300, 100, 30);

}

public void addComponentsToContainer() {

container.add(userLabel);

container.add(passwordLabel);

container.add(userTextField);

container.add(passwordField);

container.add(showPassword);

container.add(loginButton);

container.add(resetButton);

}

public void addActionEvent() {

loginButton.addActionListener(this);

resetButton.addActionListener(this);

showPassword.addActionListener(this);

}

@Override

public void actionPerformed(ActionEvent e) {

//Coding Part of LOGIN button

if (e.getSource() == loginButton) {

String userText;

String pwdText;

userText = userTextField.getText();

pwdText = passwordField.getText();

if (userText.equalsIgnoreCase("mehtab") && pwdText.equalsIgnoreCase("12345")) {

JOptionPane.showMessageDialog(this, "Login Successful");

} else {

JOptionPane.showMessageDialog(this, "Invalid Username or Password");

}

}

//Coding Part of RESET button

if (e.getSource() == resetButton) {

userTextField.setText("");

passwordField.setText("");

}

//Coding Part of showPassword JCheckBox

if (e.getSource() == showPassword) {

if (showPassword.isSelected()) {

passwordField.setEchoChar((char) 0);

} else {

passwordField.setEchoChar('\*');

}

}

}

}