package DnyaneshwariNikam;

import java.awt.\*;

import java.awt.event.\*;

class LoginScreenAWT extends Frame {

private TextField usernameField, passwordField;

private Label messageLabel;

private int attemptsLeft = 3;

public LoginScreenAWT() {

setTitle("Login Screen");

setSize(400, 200);

setLayout(new GridLayout(4, 2));

add(new Label("Username:"));

usernameField = new TextField();

add(usernameField);

add(new Label("Password:"));

passwordField = new TextField();

passwordField.setEchoChar('\*');

add(passwordField);

Button loginButton = new Button("Login");

Button clearButton = new Button("Clear");

add(loginButton);

add(clearButton);

messageLabel = new Label();

add(messageLabel);

loginButton.addActionListener(e -> handleLogin());

clearButton.addActionListener(e -> clearFields());

addWindowListener(new WindowAdapter() {

public void windowClosing(WindowEvent we) {

System.exit(0);

}

});

}

private void handleLogin() {

String username = usernameField.getText();

String password = passwordField.getText();

try {

if (!username.equals(password)) {

attemptsLeft--;

if (attemptsLeft > 0) {

throw new Exception("Username and password do not match. Attempts left: " + attemptsLeft);

} else {

throw new Exception("No attempts left! Login locked.");

}

}

messageLabel.setText("Login successful!");

} catch (Exception ex) {

messageLabel.setText(ex.getMessage());

}

}

private void clearFields() {

usernameField.setText("");

passwordField.setText("");

messageLabel.setText("");

}

public static void main(String[] args) {

LoginScreenAWT app = new LoginScreenAWT();

app.setVisible(true);

}

}