**LOGIN FORM**

import javax.swing.\*;

import javax.swing.event.AncestorListener;

import java.awt.\*;

import java.awt.event;

public class Main implements AncestorListener {

private static JLabel password1, label;

private static JTextField username;

private static JButton button;

private static JPasswordField Password;

// creating a JPanel class

JPanel panel = new JPanel();

panel.setLayout(null);

// JFrame class

JFrame frame = new JFrame();

frame.setTitle("LOGIN PAGE");

frame.setLocation(new Point(500, 300));

frame.add(panel);

frame.setSize(new Dimension(400, 200));

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

// Username label constructor

label = new JLabel("Username");

label.setBounds(100, 8, 70, 20);

panel.add(label);

// Username TextField constructor

username = new JTextField();

username.setBounds(100, 27, 193, 28);

panel.add(username);

// Password TextField

Password = new JPasswordField();

Password.setBounds(100, 75, 193, 28);

panel.add(Password);

// Button constructor

button = new JButton("Login");

button.setBounds(100, 110, 90, 25);

button.setForeground(Color.WHITE);

button.setBackground(Color.BLACK);

button.addActionListener((ActionListener) new Java\_GUI());

panel.add(button);

}

**REGISTRATION FORM**

import java.awt.Color;

import java.awt.Font;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.io.File;

import java.io.FileNotFoundException;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.io.RandomAccessFile;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

public class reg extends JFrame implements ActionListener {

JLabel l1, l2, l3, l4, l5, l6, l7, l8; //all labels for textField

JTextField tf1, tf2, tf5, tf6, tf7; // others fields

JButton btn1, btn2; //buttons for signup and clear

JPasswordField p1, p2; // password fields

File f = new File("C:\\Files");

int ln;

void createFolder(){

if(!f.exists()){

f.mkdirs();

}

}

void readFile(){

try {

FileReader fr = new FileReader(f+"\\logins.txt");

System.out.println("file exists!");

} catch (FileNotFoundException ex) {

try {

FileWriter fw = new FileWriter(f+"\\logins.txt");

System.out.println("File created");

} catch (IOException ex1) {

// Logger.getLogger(notepad.class.getName()).log(Level.SEVERE, null, ex1);

}

}

}

void addData(String usr,String pswd,String mail,String con,String state,String Phn){

try {

RandomAccessFile raf = new RandomAccessFile(f+"\\logins.txt", "rw");

for(int i=0;i<ln;i++){

raf.readLine();

}

//if condition added after video to have no lines on first entry

if(ln>0){

raf.writeBytes("\r\n");

raf.writeBytes("\r\n");

}

raf.writeBytes("Email:"+mail+ "\r\n");

raf.writeBytes("Password:"+pswd+ "\r\n");

raf.writeBytes("Username:"+usr+ "\r\n");

raf.writeBytes("Country:"+con+ "\r\n");

raf.writeBytes("State:"+state+ "\r\n");

raf.writeBytes("Phone No:"+Phn);

} catch (FileNotFoundException ex) {

//Logger.getLogger(notepad.class.getName()).log(Level.SEVERE, null, ex);

} catch (IOException ex) {

//Logger.getLogger(notepad.class.getName()).log(Level.SEVERE, null, ex);

}

}

void countLines(){

try {

ln=0;

RandomAccessFile raf = new RandomAccessFile(f+"\\logins.txt", "rw");

for(int i=0;raf.readLine()!=null;i++){

ln++;

}

System.out.println("number of lines:"+ln);

} catch (FileNotFoundException ex) {

// Logger.getLogger(notepad.class.getName()).log(Level.SEVERE, null, ex);

} catch (IOException ex) {

// Logger.getLogger(notepad.class.getName()).log(Level.SEVERE, null, ex);

}

}

SignUp()

{

setVisible(true);

setSize(700, 700);

setLayout(null);

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setTitle("Registration Form in Java");

l1 = new JLabel("Registration Form in Windows Form:");

l1.setForeground(Color.blue);

l1.setFont(new Font("Serif", Font.BOLD, 20));

l2 = new JLabel("Name:");

l3 = new JLabel("Email-ID:");

l4 = new JLabel("Create Passowrd:");

l5 = new JLabel("Confirm Password:");

l6 = new JLabel("Country:");

l7 = new JLabel("State:");

l8 = new JLabel("Phone No:");

tf1 = new JTextField();

tf2 = new JTextField();

p1 = new JPasswordField();

p2 = new JPasswordField();

tf5 = new JTextField();

tf6 = new JTextField();

tf7 = new JTextField();

btn1 = new JButton("Submit");

btn2 = new JButton("Clear");

btn1.addActionListener(this);

btn2.addActionListener(this);

l1.setBounds(100, 30, 400, 30);

l2.setBounds(80, 70, 200, 30);

l3.setBounds(80, 110, 200, 30);

l4.setBounds(80, 150, 200, 30);

l5.setBounds(80, 190, 200, 30);

l6.setBounds(80, 230, 200, 30);

l7.setBounds(80, 270, 200, 30);

l8.setBounds(80, 310, 200, 30);

tf1.setBounds(300, 70, 200, 30);

tf2.setBounds(300, 110, 200, 30);

p1.setBounds(300, 150, 200, 30);

p2.setBounds(300, 190, 200, 30);

tf5.setBounds(300, 230, 200, 30);

tf6.setBounds(300, 270, 200, 30);

tf7.setBounds(300, 310, 200, 30);

btn1.setBounds(50, 350, 100, 30);

btn2.setBounds(170, 350, 100, 30);

add(l1);

add(l2);

add(tf1);

add(l3);

add(tf2);

add(l4);

add(p1);

add(l5);

add(p2);

add(l6);

add(tf5);

add(l7);

add(tf6);

add(l8);

add(tf7);

add(btn1);

add(btn2);

}

public void actionPerformed(ActionEvent e)

{

if (e.getSource() == btn1)

{

int x = 0;

String s1 = tf1.getText();

String s2 = tf2.getText();

char[] s3 = p1.getPassword();

char[] s4 = p2.getPassword();

String s8 = new String(s3);

String s9 = new String(s4);

String s5 = tf5.getText();

String s6 = tf6.getText();

String s7 = tf7.getText();

if (s8.equals(s9))

{

try

{

createFolder();

readFile();

countLines();

addData(s1,s8,s2,s5,s6,s7);

JOptionPane.showMessageDialog(btn1, "Data Saved Successfully");

}

catch (Exception ex)

{

System.out.println(ex);

}

}

else

{

JOptionPane.showMessageDialog(btn1, "Password Does Not Match");

}

}

else

{

tf1.setText("");

tf2.setText("");

p1.setText("");

p2.setText("");

tf5.setText("");

tf6.setText("");

tf7.setText("");

}

}

public static void main(String args[])

{

new SignUp();

}

}