# **Lab No.14**

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**Score: \_\_\_\_\_\_\_\_\_\_\_\_Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_27/11/2021\_\_\_\_\_**

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| **LAB PERFORMANCE INDICATOR** | SUBJECT KNOWLEDGE | DATA ANALYSIS AND INTERPRETATION | ABILITY TO CONDUCT EXPERIMENT | PRESENTATION | CALCULATION AND CODING | OBSERVATION/RESULTS | SCORE |
|  | 1 |  | 1 | 1 |  | 2 | 5 |

**LOGIN FORM**

import kotlin.reflect.jvm.internal.impl.descriptors.Visibilities;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.awt.event.WindowAdapter;

import java.awt.event.WindowEvent;

class Log implements ActionListener {

JButton b1 = new JButton("Continue");

JFrame f = new JFrame("Login Details");

JTextField password = new JTextField("Password");

JTextField username = new JTextField(" Email");

JButton create = new JButton("Create an account");

Log() {

f.setLayout(null);

f.setSize(550, 500);

f.setVisible(true);

f.setLocation(500, 200);

f.setResizable(false);

f.setBackground(Color.WHITE);

Label account = new Label("Do not have an account?");

account.setBounds(120, 60, 150, 30);

Font ac = new Font("", Font.BOLD, 12);

account.setForeground(Color.BLACK);

create.setBounds(265, 65, 120, 20);

create.setForeground(Color.BLUE);

create.setBackground(Color.white);

Font cr = new Font("", Font.BOLD, 12);

create.setBorder(BorderFactory.createLineBorder(Color.WHITE));

JLabel user = new JLabel("Login");

user.setBounds(230, 10, 120, 30);

user.setForeground(Color.BLACK);

user.setBackground(Color.WHITE);

Font ft = new Font("", Font.BOLD, 16);

username.setBorder(BorderFactory.createLineBorder(Color.BLUE));

Font ftt = new Font("", Font.BOLD, 15);

username.setBounds(110, 120, 280, 30);

password.setBorder(BorderFactory.createLineBorder(Color.BLUE));

password.setBounds(110, 180, 280, 30);

Font fttt = new Font("", Font.BOLD, 15);

b1.setBounds(210, 280, 90, 35);

Font cont = new Font("", Font.PLAIN, 12);

b1.setBackground(Color.BLUE);

b1.setForeground(Color.white);

b1.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JButton b2 = new JButton("Forgot your Password?");

b2.setBounds(110, 230, 140, 20);

b2.setForeground(Color.BLUE);

b2.setBackground(Color.WHITE);

b2.setBorder(BorderFactory.createLineBorder(Color.white));

Font forgot = new Font("", Font.BOLD, 12);

ImageIcon google = new ImageIcon("C:\\Users\\Hi\\Downloads\\2993685\_brand\_brands\_google\_logo\_logos\_icon.png");

Image img = google.getImage();

Image temp = img.getScaledInstance(150, 150, Image.SCALE\_SMOOTH);

JLabel image = new JLabel("", google, JLabel.CENTER);

image.setBounds(180, 400, 30, 30);

image.setBackground(Color.white);

image.setBorder(BorderFactory.createLineBorder(Color.white));

ImageIcon fb = new ImageIcon("C:\\Users\\Hi\\Downloads\\317727\_facebook\_social media\_social\_icon (1).png");

Image im = fb.getImage();

Image tem = img.getScaledInstance(150, 150, Image.SCALE\_SMOOTH);

JLabel facebook = new JLabel("", fb, JLabel.CENTER);

facebook.setBounds(230, 400, 30, 30);

facebook.setBackground(Color.white);

facebook.setBorder(BorderFactory.createLineBorder(Color.white));

ImageIcon lk = new ImageIcon("C:\\Users\\Hi\\Downloads\\5296501\_linkedin\_network\_linkedin logo\_icon.png");

Image i = lk.getImage();

Image te = i.getScaledInstance(150, 150, Image.SCALE\_SMOOTH);

JLabel linkedin = new JLabel("", lk, JLabel.CENTER);

linkedin.setBounds(280, 400, 30, 30);

linkedin.setBackground(Color.white);

linkedin.setBorder(BorderFactory.createLineBorder(Color.white));

create.addActionListener(this);

f.add(user);

f.add(account);

account.setFont(ac);

f.add(create);

create.setFont(cr);

f.add(username);

f.add(password);

f.add(b1);

f.add(b2);

b2.setFont(forgot);

user.setFont(ft);

b1.setFont(cont);

f.add(image);

f.add(facebook);

f.add(linkedin);

b1.addActionListener(this);

f.addWindowListener(new WindowAdapter() {

@Override

public void windowClosing(WindowEvent e) {

super.windowClosing(e);

f.dispose();

}

});

}

@Override

public void actionPerformed(ActionEvent e) {

if (e.getSource()==b1){

portal p=new portal();

}

else if (e.getSource()==create){

register r=new register();

}

}

}

public class login\_page {

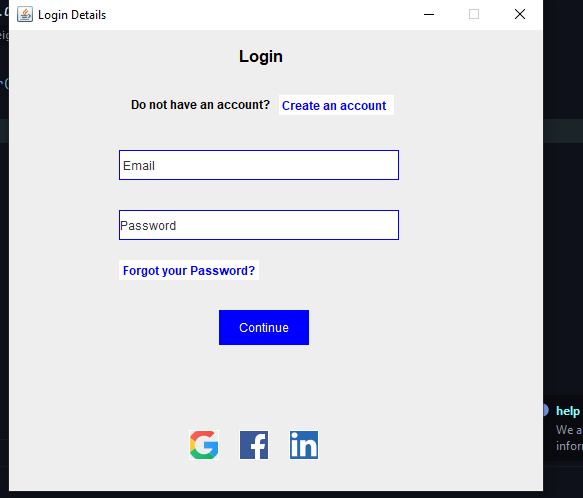
public static void main(String[] args) {

Log g=new Log();

}

}

**Output**

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**REGISTRATION FORM**

import kotlin.reflect.jvm.internal.impl.load.java.DescriptorsJvmAbiUtil;

import javax.swing.\*;

import java.awt.\*;

class register{

JFrame f=new JFrame("Registration");

register(){

f.setLayout(null);

f.setSize(700,700);

f.setVisible(true);

f.setResizable(false);

Label reg=new Label("Register");

reg.setForeground(Color.BLUE);

reg.setBounds(300,10,100,40);

Font r=new Font("",Font.BOLD,23);

JLabel g= new JLabel("Register Yourself Here");

g.setBounds(300,50,150,20);

g.setForeground(Color.blue);

Font f1=new Font("",Font.ITALIC,12);

JTextField name=new JTextField("First Name");

name.setBounds(60,90,250,30);

name.setBorder(BorderFactory.createLineBorder(Color.BLUE));

f.add(name);

JTextField last=new JTextField("Last Name");

last.setBounds(330,90,250,30);

last.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JTextField add=new JTextField("Address");

add.setBounds(60,150,520,30);

add.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JTextField city=new JTextField("City");

city.setBounds(60,210,200,30);

city.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JTextField country=new JTextField("Country");

country.setBounds(330,210,250,30);

country.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JTextField number=new JTextField("Phone Number");

number.setBounds(60,270,250,30);

number.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JTextField second=new JTextField("Secondary Phone(Optional)");

second.setBounds(330,270,250,30);

second.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JTextField Email=new JTextField("Email");

Email.setBounds(60,330,250,30);

Email.setBorder(BorderFactory.createLineBorder(Color.BLUE));;

JTextField Confirm\_Email=new JTextField("Confirm Email");

Confirm\_Email.setBounds(330,330,250,30);

Confirm\_Email.setBorder(BorderFactory.createLineBorder(Color.BLUE));

JTextField Password=new JTextField("Password");

Password.setBounds(60,390,250,30);

Password.setBorder(BorderFactory.createLineBorder(Color.BLUE));;

JTextField Confirm\_password=new JTextField("Confirm Password");

Confirm\_password.setBounds(330,390,250,30);

Confirm\_password.setBorder(BorderFactory.createLineBorder(Color.BLUE));

ImageIcon robot=new ImageIcon("C:\\Users\\Hi\\Downloads\\4096585\_android\_logo\_robot\_icon.png");

JCheckBox check=new JCheckBox("I am not a robot");

check.setBounds(60,450,130,50);

check.setForeground(Color.BLACK);

check.setBackground(Color.WHITE);

check.setBorder(BorderFactory.createLineBorder(Color.BLACK,5));

JButton b1=new JButton("register");

b1.setBounds(330, 450, 90, 35);

Font cont=new Font("",Font.PLAIN,12);

b1.setBackground(Color.BLUE);

b1.setForeground(Color.white);

f.add(b1);

b1.setFont(cont);

f.add(check);

f.add(Password);

f.add(Confirm\_password);

f.add(Email);

f.add(Confirm\_Email);

f.add(second);

f.add(number);

f.add(add);

f.add(country);

f.add(city);

f.add(last);

f.add(name);

f.add(g);

f.add(reg);

reg.setFont(r);

g.setFont(f1);

}

}

public class register\_form {

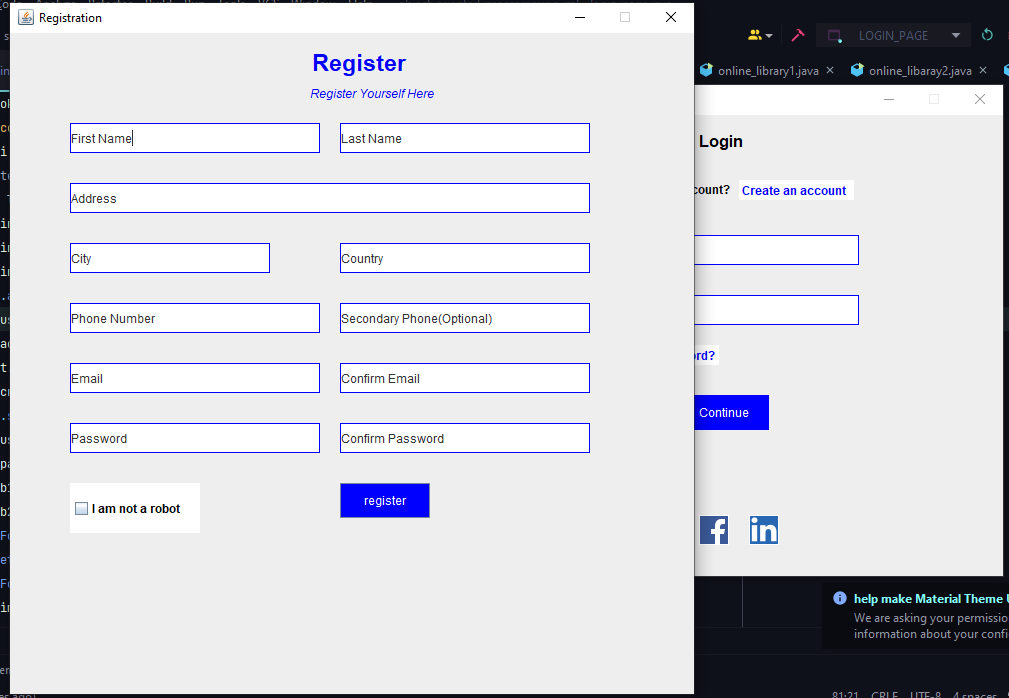
public static void main(String[] args) {

register r=new register();

}

}

**OUTPUT**

****