

PAY-ON

MINI-PROJECT



Program:

LoginDemo.Java

**import** javax.swing.\*;

**import** java.awt.\*;

**import** java.awt.event.\*;

**import** java.io.BufferedReader;

**import** java.io.FileNotFoundException;

**import** java.io.FileReader;

**import** java.io.IOException;

**import** java.util.HashMap;

**import** java.util.Map;

**class** Login **extends** JFrame **implements** ActionListener

{

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*Map<Key,Value>\*/

Map<String,String> m = **new** HashMap<String,String>();

JButton SUBMIT,SIGNUP;

JPanel panel;

JLabel label1,label2,label3,label4;

JTextField text1;

JPasswordField text2;

Font f=**new** Font("SANS\_SERIF",Font.***BOLD***,15);

Font f1=**new** Font("SERIF",Font.***BOLD***,16);

Font f2=**new** Font("Times New Roman",Font.***BOLD***,20);

Login()

{

label1 = **new** JLabel();

label3= **new** JLabel();

label4=**new** JLabel();

label3.setText(" WELCOME TO ");

label4.setText("PAY-ON");

label3.setFont(f2);

label4.setFont(f2);

label3.setForeground(Color.***BLUE***);

label4.setForeground(Color.***RED***);

label1.setText(" Username:");

label1.setFont(f);

text1 = **new** JTextField(15);

label2 = **new** JLabel();

label2.setText(" Password:");

label2.setFont(f);

text2 = **new** JPasswordField(15);

SUBMIT=**new** JButton(" LOGIN");

SIGNUP=**new** JButton(" SIGNUP");

SUBMIT.setFont(f1);

SUBMIT.setForeground(Color.***red***);

SIGNUP.setFont(f1);

SIGNUP.setForeground(Color.***BLUE***);

add(text1);

add(label2);

add(text2);

add(SUBMIT);

add(SIGNUP);

panel=**new** JPanel(**new** GridLayout(4,2,10,10));

panel.add(label3);

panel.add(label4);

panel.add(label1);

panel.add(text1);

panel.add(label2);

panel.add(text2);

panel.add(SUBMIT);

panel.add(SIGNUP);

add(panel,BorderLayout.***CENTER***);

SUBMIT.addActionListener(**this**);

SIGNUP.addActionListener(**this**);

setTitle("LOGIN FORM");

}

**public** **void** actionPerformed(ActionEvent ae)

{

**if** (ae.getSource() == SUBMIT )

{

getUserDetails();

String value1=text1.getText();

String value2=text2.~~getText~~();

String tempPassword = m.get(value1);

/\*To check Whether password is Correct\*/

**if**(tempPassword!=**null**) {

**if** (value2.equals(tempPassword))

{

**this**.setVisible(**false**);

Recharge page=**new** Recharge(1);

page.setVisible(**true**);

page.setSize(500, 500);

}

**else**

{

JOptionPane.*showMessageDialog*(**this**,"Incorrect login or password",

"Error",JOptionPane.***ERROR\_MESSAGE***);}

}

**else**

{

JOptionPane.*showMessageDialog*(**this**,"Incorrect login or password",

"Error",JOptionPane.***ERROR\_MESSAGE***);

}

}

**if**(ae.getSource() == SIGNUP)

{

**this**.setVisible(**false**);

SignUpPage page=**new** SignUpPage();

page.setVisible(**true**);

page.setSize(500,500);

}

}

**public** **void** getUserDetails()

{

String line1[];

**try** {

FileReader fr=**new** FileReader("UserDetails.txt");

BufferedReader br=**new** BufferedReader(fr);

String line = br.readLine();

**while**( line != **null** )

{

// process the line

line1 = line.split(",");

m.put(line1[0], line1[1]);

line = br.readLine();

}

fr.close();

} **catch** (Exception e) { }

}

}

**class** LoginDemo

{

**public** **static** **void** main(String arg[])

{

**try**

{

Login frame=**new** Login();

frame.setSize(400,400);

frame.setVisible(**true**);

frame.setResizable(**false**);

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

}

**catch**(Exception e)

{JOptionPane.*showMessageDialog*(**null**, e.getMessage());}

}

}

NextPage.java

**import** javax.swing.\*;

**import** java.awt.\*;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** java.awt.event.ItemEvent;

**import** java.awt.event.ItemListener;

**import** java.io.BufferedReader;

**import** java.io.FileReader;

**import** java.io.FileWriter;

**import** java.util.HashMap;

**import** java.util.Map;

**class** SignUpPage **extends** JFrame **implements** ActionListener

{

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

Map<String,String> m1=**new** HashMap<>();

JLabel label1,label2,label3,label4,label5;

JTextField text1,text2,text3,text4;

Choice gender;

Font f=**new** Font("SANS\_SERIF",Font.***BOLD***,15);

Font f1=**new** Font("SERIF",Font.***BOLD***,20);

JButton SUBMIT,BACK;

JPanel panel;

SignUpPage()

{

label1 = **new** JLabel();

label1.setText(" Username :");label1.setFont(f);

text1 = **new** JTextField(15);

label2 = **new** JLabel();

label2.setText(" Password :");label2.setFont(f);

text2 = **new** JPasswordField(15);

label3 = **new** JLabel();

label3.setText(" Mobile Number :");label3.setFont(f);

text3 = **new** JTextField(15);

label4 = **new** JLabel();

label4.setText(" U-Pin :");label4.setFont(f);

text4 = **new** JTextField(15);

label5=**new** JLabel(" Gender :");

label5.setFont(f);

gender =**new** Choice();

gender.add("Male");

gender.add("Female");

SUBMIT=**new** JButton("SUBMIT");

SUBMIT.setFont(f1);

SUBMIT.setForeground(Color.***BLUE***);

BACK=**new** JButton("BACK");

BACK.setFont(f1);

BACK.setForeground(Color.***darkGray***);

panel=**new** JPanel(**new** GridLayout(7,2,10,10));

panel.add(label1);

panel.add(text1);

panel.add(label2);

panel.add(text2);

panel.add(label3);

panel.add(text3);

panel.add(label4);

panel.add(text4);

panel.add(label5);

panel.add(gender);

panel.add(SUBMIT);

panel.add(BACK);

add(panel,BorderLayout.***CENTER***);

add(panel);

SUBMIT.addActionListener(**this**);

BACK.addActionListener(**this**);

setTitle("Registration FORM");

setDefaultCloseOperation(javax.swing.

WindowConstants.***DISPOSE\_ON\_CLOSE***);

}

@Override

**public** **void** actionPerformed(ActionEvent ae)

{

// **TODO** Auto-generated method stub

**boolean** i=**true**;

**if** (ae.getSource() == SUBMIT )

{

getUserDetails();

String username=text1.getText();

**if**(m1.containsKey(username))

{

JOptionPane.*showMessageDialog*(**this**,"Username Already Exsits!!TryAgain..!",

"Info",JOptionPane.***INFORMATION\_MESSAGE***);

}

**else**

{

**try**{

FileWriter fw=**new** FileWriter("UserDetails.txt",**true**);

fw.append(text1.getText()+","+text2.getText()+","+text3.getText()+","+text4.getText()+","+gender.getItem(gender.getSelectedIndex())+"\n");

fw.close();

}**catch**(Exception e) {

JOptionPane.*showMessageDialog*(**this**,"SignUp Not Completed Successfully",

"Info",JOptionPane.***INFORMATION\_MESSAGE***);i=**false**;**this**.setVisible(**false**);}

**if**(i) { JOptionPane.*showMessageDialog*(**this**,"SignUp Completed Successfully",

"Info",JOptionPane.***INFORMATION\_MESSAGE***);

**this**.setVisible(**false**);

Login frame=**new** Login();

frame.setSize(400,400);

frame.setVisible(**true**);

frame.setResizable(**false**);

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

}

}

**if**(ae.getSource() == BACK)

{

JOptionPane.*showMessageDialog*(**this**,"Exit?",

"Info",JOptionPane.***INFORMATION\_MESSAGE***);

**this**.setVisible(**false**);

Login frame=**new** Login();

frame.setSize(400, 400);

frame.setResizable(**false**);

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

frame.setVisible(**true**);

}

}

//Function to read User Details

**public** **void** getUserDetails()

{

String line1[];

**int** i;

**try** {

FileReader fr=**new** FileReader("UserDetails.txt");

BufferedReader br=**new** BufferedReader(fr);

String line = br.readLine();

**while**( line != **null** )

{

// process the line

line1 = line.split(",");

m1.put(line1[0], line1[1]);

line = br.readLine();

}

fr.close();

} **catch** (Exception e) {}

}

}

**class** Recharge **extends** JFrame **implements** ItemListener, ActionListener

{

JLabel label1,label2,label3,label4,label5,label6;

JTextField text1;

JPanel panel;

JButton Proceed;

CheckboxGroup ch;

Choice choice,choice1;

Checkbox topup,Data,Special;

String plan,Number,Amount;

Font f=**new** Font("SANS\_SERIF",Font.***BOLD***,15);

Font f1=**new** Font("SERIF",Font.***BOLD***,16);

Recharge(**int** i)

{

label1=**new** JLabel(" Enter mobile Number :");

label2=**new** JLabel(" Select Operator :");

choice1=**new** Choice();

choice1.add("Airtel");

choice1.add("Jio");

choice1.add("Vodafone");

choice1.add("Idea");

choice1.add("BSNL");

ch=**new** CheckboxGroup();

topup=**new** Checkbox("Top-Up",ch,**false**);

Data=**new** Checkbox("Data",ch,**false**);

Special=**new** Checkbox("Special Recharge",ch,**false**);

label3=**new** JLabel(" Select plan :");

choice=**new** Choice();

topup.addItemListener(**this**);

Data.addItemListener(**this**);

Special.addItemListener(**this**);

label4=**new** JLabel(" Select Amount :");

text1 = **new** JTextField(15);

panel=**new** JPanel(**new** GridLayout(7,2,10,10));

label5=**new** JLabel(" ");

label6=**new** JLabel(" ");

Proceed=**new** JButton(" PROCEED TO PAY");

Proceed.setForeground(Color.***BLUE***);

Proceed.setFont(f1);

label1.setFont(f);

label2.setFont(f);

label3.setFont(f);

label4.setFont(f);

panel.add(label1);

panel.add(text1);

panel.add(label2);

panel.add(choice1);

panel.add(label3);

panel.add(topup);

panel.add(label5);

panel.add(Data);

panel.add(label6);

panel.add(Special);

panel.add(label4);

panel.add(choice);

panel.add(Proceed);

add(panel,BorderLayout.***CENTER***);

add(panel);

setTitle("Info Page");

Proceed.addActionListener(**this**);

}

@Override

**public** **void** itemStateChanged(ItemEvent ie)//To listen Clicked Radiobutton

{

Object obj=ie.getItemSelectable ();

Checkbox cb=(Checkbox) obj;

**if** (cb.getState ())

{

**try**

{

**if**(cb.getLabel() == "Top-Up")

{

choice.removeAll();

choice.add("100-FULLTT");

choice.add("200-FULLTT");

choice.add("300-FULLTT");

}

**if**(cb.getLabel() == "Data")

{

choice.removeAll();

choice.add("275-28GB/28D");

choice.add("450-84GB/84D");

choice.add("999-Unlimited Data/84D");

}

**if**(cb.getLabel() == "Special Recharge")

{

choice.removeAll();

choice.add("699-200TT + 84GB/84D");

choice.add("799-Unlimited Calls + 200GB");

choice.add("899-Unlimited Pack/70D");

}

}

**catch**(Exception e)

{

System.***out***.println("Error Occuured");

}

}

}

**public** **void** actionPerformed(ActionEvent ae)

{

**if**(ae.getSource() == Proceed)

{

**this**.setVisible(**false**);

plan=choice1.getSelectedItem();

Number=text1.getText();

String[] s=choice.getSelectedItem().split("-");

Amount=s[0];

payment p=**new** payment(plan,Number,Amount);

}

}

}

payment.java

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.JFrame;

**import** javax.swing.JOptionPane;

**import** java.awt.\*;

**public** **class** payment **extends** JFrame **implements** ActionListener {

Frame f,f1;

Button b,b1;

TextField t11,t12,t13,t14,t2;

String s,p,a;

**public** **void** actionPerformed(ActionEvent e)

{

**if**(e.getSource()==b)

{

**if**(t2.getText()!="" && t11.getText()!="" & t12.getText()!="" && t13.getText()!="" && t14.getText()!="") {

f.setVisible(**false**);

f1= **new** JFrame("Thank you");

Font myFont1 = **new** Font("SERIF",Font.***BOLD***,20);

Font myFont2= **new** Font("Times New Roman",Font.***ITALIC***,18);

Font myFont = **new** Font("SANS-SERIF",Font.***BOLD***,13);

Label l00=**new** Label("THANK YOU...");

Label l0=**new** Label("SUCCESS!!!");

Label num=**new** Label("Number :");Label plan=**new** Label("Operator :");Label amount=**new** Label("Paid :");

Label num1=**new** Label(s);Label plan1=**new** Label(p);Label amount1=**new** Label(a);

l0.setForeground(Color.***BLUE***);

l0.setFont(myFont1);

l0.setBounds(160, 20, 150, 50);

l00.setFont(myFont2);

l00.setForeground(Color.***BLUE***);

l00.setBounds(145,330,120,100);

num.setBounds(100, 100, 100, 70);num1.setBounds(200, 100, 100, 70);

plan.setBounds(100, 175, 100, 70);plan1.setBounds(200, 175, 100, 70);

amount.setBounds(100, 260, 100, 50);amount1.setBounds(200, 260, 100, 50);

num.setFont(myFont);num1.setFont(myFont);plan.setFont(myFont);plan1.setFont(myFont);amount.setFont(myFont);amount1.setFont(myFont);

b1 = **new** Button("EXIT");

b1.setForeground(Color.***RED***);

b1.setBounds(350,410,60,30);

b1.addActionListener(**this**);

f1.add(l0);f1.add(num);f1.add(num1);f1.add(plan);f1.add(plan1);f1.add(amount);f1.add(amount1);

f1.add(l00);

f1.add(b1);

f1.setSize(440,490);

f1.setBackground(Color.***white***);

f1.setLayout(**null**);

f1.setVisible(**true**);}

**else**

{

JOptionPane.*showMessageDialog*(**this**,"Please Provide Valid Details",

"Error",JOptionPane.***ERROR\_MESSAGE***);

}

}

**else**

{

f1.setVisible(**false**);

Login frame=**new** Login();

frame.setSize(400,400);

frame.setVisible(**true**);

frame.setResizable(**false**);

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

}

}

payment(String plan1,String num,String amount)

{

**this**.p=plan1;

**this**.s=num;

**this**.a=amount;

f= **new** JFrame("Payment");

f.setBackground(Color.***WHITE***);

Font myFont1 = **new** Font("Times New Roman",Font.***PLAIN***,14);

Label l1=**new** Label("Card number");

Label l0=**new** Label("Pay-mode");

l0.setFont(myFont1);

l0.setBounds(70,60,90,60);

Choice ch=**new** Choice();

ch.add("Credit");

ch.add("Debit");

ch.setBounds(170,80,80,20);

l1.setBounds(70,110,90,60);

l1.setFont(myFont1);

t11=**new** TextField(4);t11.setText("");

t12=**new** TextField(4);t12.setText("");

t13=**new** TextField(4);t13.setText("");

t14=**new** TextField(4);t14.setText("");

t11.setBounds(170,130,40,20);

t12.setBounds(220,130,40,20);

t13.setBounds(270,130,40,20);

t14.setBounds(320,130,40,20);

Label l2=**new** Label("CVV");

l2.setBounds(70,170,90,60);

l2.setFont(myFont1);

t2=**new** TextField();t2.setText("");

t2.setEchoChar('\*');

t2.setBounds(170,190,30,20);

b =**new** Button("PAY");

b.setBounds(170,270,60,30);

b.addActionListener(**this**);

f.add(l0);

f.add(ch);

f.add(l1);

f.add(t11);

f.add(t12);

f.add(t13);

f.add(t14);

f.add(l2);

f.add(t2);

f.add(b);

f.setSize(400,400);

f.setLayout(**null**);

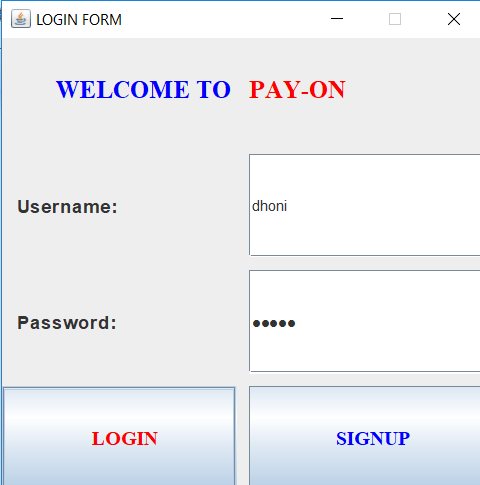
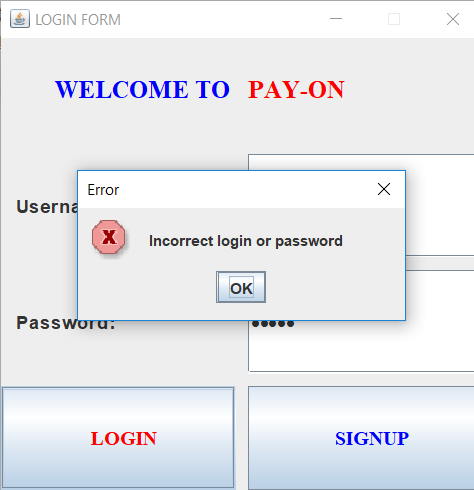
f.setVisible(**true**);

}

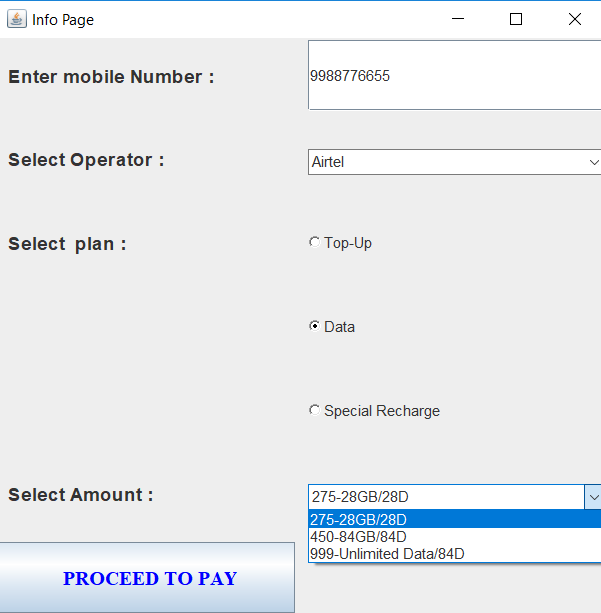
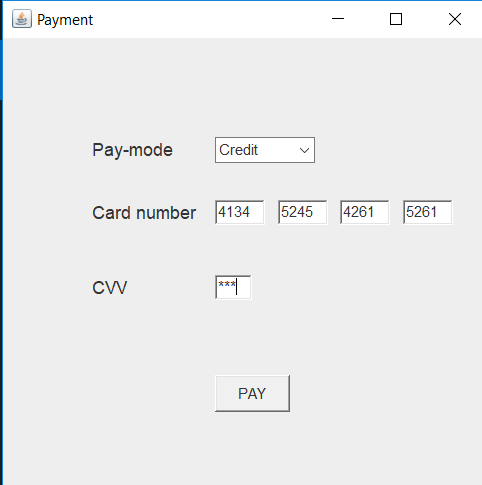
}

Screen Shots

## 

## 

## 

## 