**Calculator**

package pack1;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

public class Calculator implements ActionListener{

JFrame fr;

JTextField tf1,tf2,tf3;

JButton b1,b2,b3,b4;

Calculator( )

{

fr = new JFrame("Calculator");

fr.setLayout(new FlowLayout( ));

fr.setVisible(true);

tf1 = new JTextField(10);

tf2 = new JTextField(10);

tf3 = new JTextField(10);

b1 = new JButton("+");

b2 = new JButton("-");

b3 = new JButton("\*");

b4 = new JButton("/");

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

b4.addActionListener(this);

fr.add(tf1);

fr.add(tf2);

fr.add(tf3);

fr.add(b1);

fr.add(b2);

fr.add(b3);

fr.add(b4);

fr.pack( );

}

public void actionPerformed(ActionEvent ae)

{

if(ae.getSource() == b1)

{

int x = Integer.parseInt(tf1.getText( ));

int y = Integer.parseInt(tf2.getText( ));

tf3.setText(Integer.toString((x+y)));

}

else if(ae.getSource() == b2)

{

int x = Integer.parseInt(tf1.getText( ));

int y = Integer.parseInt(tf2.getText( ));

tf3.setText(Integer.toString((x-y)));

}

else if(ae.getSource() == b3)

{

int x = Integer.parseInt(tf1.getText( ));

int y = Integer.parseInt(tf2.getText( ));

tf3.setText(Integer.toString((x\*y)));

}

else if(ae.getSource() == b4)

{

int x = Integer.parseInt(tf1.getText( ));

int y = Integer.parseInt(tf2.getText( ));

tf3.setText(Integer.toString((x/y)));

}

}

public static void main(String[] args) {

new Calculator( );

}

}

**Student Registration**

package pack1;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

class MyFrame

extends JFrame

implements ActionListener {

private Container c;

private JLabel title;

private JLabel name;

private JTextField tname;

private JLabel mno;

private JTextField tmno;

private JLabel gender;

private JRadioButton male;

private JRadioButton female;

private ButtonGroup gengp;

private JLabel add;

private JTextArea tadd;

private JCheckBox term;

private JButton sub;

private JButton reset;

private JTextArea tout;

private JLabel res;

private JTextArea resadd;

public MyFrame()

{

setTitle("Registration Form");

setBounds(300, 90, 900, 600);

setDefaultCloseOperation(EXIT\_ON\_CLOSE);

setResizable(true);

c = getContentPane();

c.setLayout(null);

title = new JLabel("Registration Form");

title.setFont(new Font("Arial", Font.PLAIN, 30));

title.setSize(300, 30);

title.setLocation(300, 30);

c.add(title);

name = new JLabel("Name");

name.setFont(new Font("Arial", Font.PLAIN, 20));

name.setSize(100, 20);

name.setLocation(100, 100);

c.add(name);

tname = new JTextField();

tname.setFont(new Font("Arial", Font.PLAIN, 15));

tname.setSize(190, 20);

tname.setLocation(200, 100);

c.add(tname);

mno = new JLabel("Mobile");

mno.setFont(new Font("Arial", Font.PLAIN, 20));

mno.setSize(100, 20);

mno.setLocation(100, 150);

c.add(mno);

tmno = new JTextField();

tmno.setFont(new Font("Arial", Font.PLAIN, 15));

tmno.setSize(150, 20);

tmno.setLocation(200, 150);

c.add(tmno);

gender = new JLabel("Gender");

gender.setFont(new Font("Arial", Font.PLAIN, 20));

gender.setSize(100, 20);

gender.setLocation(100, 200);

c.add(gender);

male = new JRadioButton("Male");

male.setFont(new Font("Arial", Font.PLAIN, 15));

male.setSelected(true);

male.setSize(75, 20);

male.setLocation(200, 200);

c.add(male);

female = new JRadioButton("Female");

female.setFont(new Font("Arial", Font.PLAIN, 15));

female.setSelected(false);

female.setSize(80, 20);

female.setLocation(275, 200);

c.add(female);

gengp = new ButtonGroup();

gengp.add(male);

gengp.add(female);

add = new JLabel("Address");

add.setFont(new Font("Arial", Font.PLAIN, 20));

add.setSize(100, 20);

add.setLocation(100, 300);

c.add(add);

tadd = new JTextArea();

tadd.setFont(new Font("Arial", Font.PLAIN, 15));

tadd.setSize(200, 75);

tadd.setLocation(200, 300);

tadd.setLineWrap(true);

c.add(tadd);

term = new JCheckBox("Accept Terms And Conditions.");

term.setFont(new Font("Arial", Font.PLAIN, 15));

term.setSize(250, 20);

term.setLocation(150, 400);

c.add(term);

sub = new JButton("Submit");

sub.setFont(new Font("Arial", Font.PLAIN, 15));

sub.setSize(100, 20);

sub.setLocation(150, 450);

sub.addActionListener(this);

c.add(sub);

reset = new JButton("Reset");

reset.setFont(new Font("Arial", Font.PLAIN, 15));

reset.setSize(100, 20);

reset.setLocation(270, 450);

reset.addActionListener(this);

c.add(reset);

tout = new JTextArea();

tout.setFont(new Font("Arial", Font.PLAIN, 15));

tout.setSize(300, 400);

tout.setLocation(500, 100);

tout.setLineWrap(true);

tout.setEditable(false);

c.add(tout);

res = new JLabel("");

res.setFont(new Font("Arial", Font.PLAIN, 20));

res.setSize(500, 25);

res.setLocation(100, 500);

c.add(res);

resadd = new JTextArea( );

resadd.setFont(new Font("Arial", Font.PLAIN, 15));

resadd.setSize(200, 75);

resadd.setLocation(580, 175);

resadd.setLineWrap(true);

c.add(resadd);

setVisible(true);

}

public void actionPerformed(ActionEvent e)

{

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

if (term.isSelected()) {

String data1;

String data

= "Name : "

+ tname.getText() + "\n"

+ "Mobile : "

+ tmno.getText() + "\n";

if (male.isSelected())

data1 = "Gender : Male"

+ "\n";

else

data1 = "Gender : Female"

+ "\n";

String data3 = "Address : " + tadd.getText();

tout.setText(data + data1 + data3);

tout.setEditable(false);

res.setText("Registration Successfully..");

}

else {

tout.setText("");

resadd.setText("");

res.setText("Please accept the"

+ " terms & conditions..");

}

}

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

String def = "";

tname.setText(def);

tadd.setText(def);

tmno.setText(def);

res.setText(def);

tout.setText(def);

term.setSelected(false);

resadd.setText(def);

}

}

}

class Registration {

public static void main(String[] args) throws Exception

{

MyFrame f = new MyFrame();

}

}