Gui Program solving

1.a

package swing2;

import java.awt.Frame;

/\*\*

\*

\* @author Pintu

\*/

public class AwtFrame {

public static void main(String[] args){

Frame frm = new Frame(" My First GUI Prorame");

frm.setSize(400,400);

frm.setVisible(true);

}

}

1.b

package swing2;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Problem1b {

public static void main(String[] args) {

JFrame f=new JFrame("My First GUI Frame");

f.setVisible(true);

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

f.setSize(400,400);

}

}

1.c

/\*

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\*/

package swing2;

import javax.swing.JFrame;

/\*\*

\*

\* @author Pintu

\*/

public class Problem1c extends JFrame {

Problem1c(String title)

{

super(title);

setSize(300,300);

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

public static void main(String[] args) {

Problem1c p=new Problem1c("Hello");

p.setVisible(true);

}

}

2.

package swing2;

import javax.swing.JFrame;

/\*\*

\*

\* @author Pintu

\*/

public class Two2 {

public static void main(String[] args) {

JFrame f=new JFrame("Click to Close everything");

f.setSize(400,400);

f.setVisible(true);

JFrame f1=new JFrame("Click to Close Just it");

f1.setSize(400,400);

f1.setVisible(true);

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

}

}

3.b

package swing2;

import java.awt.\*;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Problem3a extends JFrame {

public static void main(String[] args) {

JFrame f=new JFrame("My First GUI Frame");

f.setSize(400,400);

f.setVisible(true);

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

JLabel l=new JLabel("Label");

f.add(l);

JTextField t=new JTextField("Text",6);

f.add(t);

JButton b=new JButton(" Send");

f.add(b);

f.getContentPane().setLayout(new FlowLayout());

}

}

3.c

package swing2;

import java.awt.\*;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Problem3a extends JFrame {

public static void main(String[] args) {

JFrame f=new JFrame("My First GUI Frame");

f.setSize(400,400);

f.setVisible(true);

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

JButton b=new JButton(" Button");

f.add(b);

JLabel l=new JLabel("My Label");

f.add(l);

JTextField t=new JTextField(" My text");

f.add(t);

JTextField t1=new JTextField(" My text");

f.add(t);

JTextField t2=new JTextField(" My text");

f.add(t);

f.getContentPane().add(BorderLayout.EAST,b);

f.getContentPane().add(BorderLayout.WEST,l);

f.getContentPane().add(BorderLayout.NORTH,t);

f.getContentPane().add(BorderLayout.CENTER,t1);

f.getContentPane().add(BorderLayout.SOUTH,t2);

}

}

3.d

/\*

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\*/

package swing2;

import java.awt.GridLayout;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Grid {

public static void main(String[] args) {

JFrame f=new JFrame("My First GUI Frame");

f.setSize(400,400);

f.setVisible(true);

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

JLabel l=new JLabel("My Label");

f.add(l);

JButton b=new JButton(" Button");

f.add(b);

JTextField t=new JTextField(" My text");

f.add(t);

JLabel l1=new JLabel("My Label");

f.add(l1);

JButton b1=new JButton(" Button");

f.add(b1);

JTextField t1=new JTextField(" My text");

f.add(t1);

JLabel l2=new JLabel("My Label");

f.add(l2);

JButton b2=new JButton(" Button");

f.add(b2);

JTextField t2=new JTextField(" My text");

f.add(t2);

f.getContentPane().setLayout(new GridLayout(3,3,5,5));

}

}

4.

/\*

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\*/

package swing2;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Menu {

public static void main(String[] args) {

JFrame f=new JFrame("My Frame");

f.setSize(300,300);

f.setVisible(true);

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

JMenuBar mb=new JMenuBar();

f.setJMenuBar(mb);

//f.add(mb);

JMenu file=new JMenu("File");

JMenu edit=new JMenu("Edit");

JMenu help=new JMenu("Help");

JMenuItem newproject=new JMenuItem("New project");

JMenuItem newfile=new JMenuItem("New file class");

JMenuItem open=new JMenuItem("Open");

JMenuItem save=new JMenuItem("save");

JMenuItem exit=new JMenuItem("Exit");

JMenuItem cut=new JMenuItem("Cut");

JMenuItem copy=new JMenuItem("Copy");

JMenuItem paste=new JMenuItem("Paste");

JMenuItem select=new JMenuItem("select");

JMenuItem delete=new JMenuItem("delete");

JMenuItem replace=new JMenuItem("replace");

JMenuItem about=new JMenuItem("About");

file.add(newproject);

file.add(newfile);

file.add(open);

file.add(save);

file.add(exit);

edit.add(cut);

edit.add(copy);

edit.add(paste);

edit.add(select);

edit.add(delete);

edit.add(replace);

help.add(about);

mb.add(file);

mb.add(edit);

mb.add(help);

}

}

5.

/\*

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\*/

package swing2;

import java.awt.\*;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class EX5 extends JFrame {

public JRadioButton r1,r2;

public JPanel p1,p2;

public JLabel l1,l2;

public JCheckBox cb1,cb2;

EX6()

{

Container c = this.getContentPane();

c.setBackground(Color.BLUE);

c.setLayout(null);

String[] language={"c","c++","c#","java","python","fortan"};

p1=new JPanel();

p1.setBounds(10,50,100,100);

l1=new JLabel("RadioButton");

p1.add(l1);

c.add(p1);

r1=new JRadioButton("4 slice");

p1.add(r1);

r2=new JRadioButton("8 slice");

p1.add(r2);

p2=new JPanel();

p2.setBounds(150,50,100,100);

c.add(p2);

l2=new JLabel("CheackBox");

p2.add(l2);

cb1=new JCheckBox("Anchovies");

p2.add(cb1);

cb2=new JCheckBox("Grafic");

p2.add(cb2);

JComboBox cb;

cb = new JComboBox(language);

p2.add(cb);

BoxLayout b1=new BoxLayout(p1,BoxLayout.Y\_AXIS);

p1.setLayout(b1);

BoxLayout b2=new BoxLayout(p2,BoxLayout.Y\_AXIS);

p2.setLayout(b2);

ButtonGroup g=new ButtonGroup();

ButtonGroup g1=new ButtonGroup();

g.add(r1);

g.add(r2);

g1.add(cb1);

g1.add(cb2);

}

public static void main(String[] args) {

EX6 b=new EX6();

b.setBounds(100,100,300,300);

b.setVisible(true);

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

b.setTitle("Buttons");

}

}

6.

package swing1;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

public class Example6 extends JFrame implements ActionListener{

public Container c;

public JButton r,g;

public JTextField tf;

Example7()

{

initialcontainer();

}

public void initialcontainer(){

c=this.getContentPane();

c.setLayout(null);

r=new JButton(" Click Red Button!");

r.setBounds(100,100,150,50);

c.add(r);

g=new JButton("Click Green Button!");

g.setBounds(100,250,150,50);

c.add(g);

/\* tf=new JTextField();

tf.setBounds(100,180,100,150);

c.add(tf);\*/

r.addActionListener(this);

g.addActionListener(this);

}

@Override

public void actionPerformed(ActionEvent ae) {

if(ae.getSource()==r)

{

c.setBackground(Color.RED);

}

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

{

c.setBackground(Color.GREEN);

}

}

public static void main(String[] args) {

Example7 frame =new Example7();

frame.setVisible(true);

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

frame.setBounds(100,100,650,500);

frame.setTitle("Frame demo:");

frame.setResizable(false);

}

}

7.

/\*

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\*/

package swing1;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Example6 extends JFrame implements ActionListener{

public Container c;

int count=0;

public JButton b;

public JTextField tf;

Example6()

{

initialcontainer();

}

public void initialcontainer(){

c=this.getContentPane();

c.setBackground(Color.BLUE);

c.setLayout(null);

b=new JButton("Click Me!");

b.setBounds(100,100,100,150);

c.add(b);

tf=new JTextField();

tf.setBounds(100,180,100,150);

c.add(tf);

b.addActionListener(this);

}

@Override

public void actionPerformed(ActionEvent ae) {

if(ae.getSource()==b)

{

tf.setText("Hello Pintu Click"+count);

if(count==5)

JOptionPane.showMessageDialog(null, "The End");

count++;

}

}

public static void main(String[] args) {

Example6 frame =new Example6();

frame.setVisible(true);

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

frame.setBounds(100,100,650,500);

frame.setTitle("Frame demo:");

frame.setResizable(false);

}

}

9.

/\*

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\*/

package swing2;

import javax.swing.\*;

import java.awt.event.\*;

import java.awt.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Ex10 extends JPanel {

public JLabel a,b,c,comment;

public JTextField far1,far2;

public JButton convert;

public Ex10()

{

a=new JLabel("enter the Faherheit temperature:");

b=new JLabel("Temperature in Celsuus:");

far1=new JTextField(6);

far2=new JTextField(6);

convert=new JButton("Convert");

convert.addActionListener(new TempListener());

add(a);

add(far1);

add(b);

add(far2);

add(convert);

}

public class TempListener implements ActionListener{

@Override

public void actionPerformed(ActionEvent ae)

{

int f3,cel;

String t=far1.getText();

f3=Integer.parseInt(t);

cel=(f3-32)\*5/9;

far2.setText(Integer.toString(cel));

}

}

public static void main(String[] args) {

JFrame f=new JFrame("Far to Celsios Convert");

Ex10 panel=new Ex10();

f.getContentPane().add(panel);

f.setSize(300,300);

f.setVisible(true);

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

}

}

10.

/\*

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\*/

package swing2;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPanel;

import javax.swing.JTextField;

/\*\*

\*

\* @author Pintu

\*/

public class Ex11 extends JPanel {

public JLabel a,t;

public JTextField tf1,tf2;

public JButton convert;

public Ex11()

{

a=new JLabel("Enter the Factorial Number:");

t=new JLabel("Factorial Value:");

tf1=new JTextField(6);

tf2=new JTextField(6);

convert=new JButton("Convert");

convert.addActionListener(new TempListener());

add(a);

add(tf1);

add(t);

add(tf2);

add(convert);

}

public class TempListener implements ActionListener{

@Override

public void actionPerformed(ActionEvent ae)

{

int n,fact = 1,i;

String t1=tf1.getText();

n=Integer.parseInt(t1);

for(i=2;i<=n;i++)

{

fact=fact\*i;

}

tf2.setText(Integer.toString(fact));

}

}

public static void main(String[] args) {

JFrame f=new JFrame("Far to Celsios Convert");

Ex11 panel=new Ex11();

f.getContentPane().add(panel);

f.setSize(300,300);

f.setVisible(true);

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

}

}

H.w

/\*

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\*/

package swing2;

import java.awt.BorderLayout;

import java.awt.Container;

import java.awt.GridLayout;

import javax.swing.\*;

/\*\*

\*

\* @author Pintu

\*/

public class Problem2 {

public Container c;

public static void main(String[] args) {

JFrame f=new JFrame("Student");

f.setBounds(600, 600,600,600);

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

JLabel l=new JLabel("Student Roll");

f.add(l);

JTextField t=new JTextField(10);

f.add(t);

JButton b=new JButton("Add");

f.add(b);

JLabel l1=new JLabel("Student Name");

f.add(l1);

JTextField t1=new JTextField(10);

f.add(t1);

JButton b1=new JButton("Delete");

f.add(b1);

JLabel l2=new JLabel("Dept.");

f.add(l2);

JTextField t2=new JTextField(10);

f.add(t2);

JButton b2=new JButton("Search");

f.add(b2);

JLabel l3=new JLabel("Session");

f.add(l3);

JTextField t3=new JTextField(10);

f.add(t3);

JButton b3=new JButton("Close");

f.add(b3);

f.getContentPane().setLayout(new GridLayout(4,4,5,5));

f.setVisible(true);

}

}