

WEEK 13
Lab Program 10

```
import java.awt.*;  
import java.awt.event.*;  
class Prac extends Frame implements ActionListener {  
    Dialog d;  
    TextField t1, t2, t3;  
    Button comp;  
    public Prac() {  
        setLayout ( new FlowLayout () );  
        setSize ( 500, 500 );  
        t1 = new TextField ( 10 );  
        t2 = new TextField ( 10 );  
        t3 = new TextField ( 10 );  
        comp = new Button ( "Compute" );  
        add ( new Label ( "Enter num1: " ) );  
        add ( t1 );  
        add ( new Label ( "Enter num2: " ) );  
        add ( t2 );  
        add ( new Label ( "Result: " ) );  
        add ( t3 );  
        add ( comp );  
        comp.addActionListener ( this );  
        setVisible ( true );  
        addWindowListener ( new WindowAdapter () {  
            public void windowClosing ( WindowEvent we ) {  
                System.exit ( 0 );  
            }  
        } );  
    }  
}
```

```

public void actionPerformed(ActionEvent ae) {
    if (ae.getSource() == emp) {
        try {
            t1.setText(Integer.toString(Integer.parseInt(t1.getText()).trim()));
            t2.setText(Integer.parseInt(t2.getText()).trim());
        } catch (NumberFormatException ae) {
            Dia d2 = new Dia("Number format Exception");
            d2.setVisible(true);
        }
        catch (NumberFormatException n/c) {
            Dia d2 = new Dia("Number format Exception");
            d2.setVisible(true);
        }
    }
}

```

```

public static void main(String arg[]) {
    new Pcac();
}

```

```

class Dia extends Dialog implements ActionListener {
    Dia(String str) {
        super(new Frame(), str, true);
        setLayout(new FlowLayout());
        setSize(300, 200);
        add(WindowListener() new WindowAdapter() {
            public void windowClosing(WindowEvent we) {
                System.exit(0);
            }
        });
    }
}

```

```
public void actionPerformed(ActionEvent ae) {  
    setVisible(true);
```

3

```
public void paint(Graphics g) {  
    g.drawString("Error!", 10, 70);
```

3

3.