

Week -13Lab Program 10

```
1) import java.awt.* ;
import java.awt.event.* ;
public class LabProg10 extends Frame implements ActionListener {
    Dialog d ;
    TextField t1, t2, t3 ;
    Button comp ;
    public LabProg10() {
        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 (new WindowAdapter () {
            public void windowClosing (WindowEvent we) {
                System.exit (0) ;
            }
        }) ;
    }
    public void actionPerformed (ActionEvent ae) {
        if (ae.getSource () == comp) {
            try {
```



```
t2.setText(Integer.toString((Integer.parseInt(t1.getText().trim())
/ (Integer.parseInt(t2.getText().trim()))));
} catch (ArithmeticException aex) {
    dial d1 = new dial("Arithmetic Exception");
    d1.setVisible(true);
} catch (NumberFormatException nfe) {
    dial d2 = new dial("Number format Exception");
    d2.setVisible(true);
}
}
}

public static void main (String args[]) {
    new Labprog10();
}
}

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

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

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