LAB 10

```java
import java.awt.*;
import java.awt.event.*;

class SampleDialog extends Dialog implements ActionListener
{
    lab10 bld;
    SampleDialog (Frame parent, String title)
    {
        super (parent, title, false);
        bld = (lab10) parent;
        setLayout = new FlowLayout());
        setSize (350, 250);
        add (new Label(bld. msg1)));
        Button b;
        add (b = new Button ("ok"));
        b. addActionListener (this);
    }
    public void  actionPerformed (ActionEvent ae) {
    dispose();
    }
}

public class lab10 extends Frame implements ActionListener
{
    TextField num1, num2, result;
    String msg ="", msg1 ="";
    Button divide;
    public lab10()
    {
        setLayout (new FlowLayout());
        Label nnum1= new Label ("Num1:", Label. LEFT);
        Label nnum2 = new Label ("Num2:", Label. RIGHT);
        Label& result = "    " ("result1", ' ' ));
        Button s = new Button("divide");
```

```java
num1 = new TextField (8);
num2 = new TextField (8);
result = new TextField (8));

add (nnum1);
add (num1);
add (nnum2);
add (num2);
divide = (Button) add (b);
add (result);
add (result);

num1 . add ActionListener (this);
num2 . add ActionListener (this);
divide . add ActionListener (this);

addWindowListener ( new WindowAdapter ()
public void windowClosing (WindowEvent we)
{
    System . exit (0);
}
});
)

public void actionPerformed (ActionEvent ae)
{
    if (ae . getSource() == divide )
    {
        try {
            msg = "" + Integer . parseInt (num1 . getText ())
            Integer . parseInt (num2 . getText ());
            String c = "' + my;
            result . setText (c);
            my1 = " ";
        } catch ( NumberFormatException e )
        {
```

```java
        msg1 = " Entered no. not an integer" + e;
        SampleDialog d = new SampleDialog (this, " Dialog");
        d. setVisible (true);
    }
    catch ( ArithmeticException e)
    {
        msg1 = "number 2 is zero" + e;
        SampleDialog d = new SampleDialog (this, "Dialg");
        d. setVisible (true);
    }
  }
}

public static void main( String ays[])
{
    lab10 aa = new lab10();
    aa. set Size = (new Dimension (400, 200));
    aa. setTitle(" divide_caust");
    aa. setVisible (true);
}
}
```

Scanned with CamScanner