

Week 13:

DISHA. B
IBM1908050

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

public class Division extends JFrame implements
    ActionListener {
    TextField n1, n2, res;
    Label l1, l2, lres;
    Button b;

    public Division() {
        setLayout(new FlowLayout());
        l1 = new Label("Num 1", Label.RIGHT);
        l2 = new Label("Num 2", Label.RIGHT);
        lres = new Label("Result", Label.RIGHT);
        n1 = new TextField(12);
        n2 = new TextField(8);
        res = new TextField(10);
        b = new Button("DIVIDE");
        add(l1);
        add(n1);
        add(l2);
        add(n2);
        add(b);
        add(lres);
        add(res);
        b.addActionListener(this);
        addWindowListener(new MyWindowAdapter());
    }

    public void actionPerformed(ActionEvent ae) {
        if (ae.getSource() == b) {
            try {

```

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int num1 = Integer.parseInt(n1.getText());
int num2 = Integer.parseInt(n2.getText());
int num3 = num1 / num2;
eus.setText(String.valueOf(num3));
}
catch (NumberFormatException ne)
{
    JOptionPane.showMessageDialog(this, "ERROR",
        JOptionPane.ERROR_MESSAGE);
}
}
}

```

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```

public static void main (String args[])
{

```

```

    Division d = new Division();
    d.setSize(new Dimension(400, 400));
    d.setTitle("INTEGER DIVISION OF TWO NUMBERS");
    d.setVisible(true);
}

```

```

class MyWindowAdapter extends WindowAdapter
{

```

```

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

```