

WEEK-12 LAB-10

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

BHARATH

1BM19CS035

```
public class Main extends JFrame implements  
{  
    ActionListener
```

```
    TextField tf1, tf2;
```

```
    Label l;
```

```
    Button b;
```

```
    Main()  
    {
```

```
        tf1 = new TextField();
```

```
        tf1.setBounds(50, 50, 200, 25);
```

```
        tf2 = new TextField();
```

```
        tf2.setBounds(50, 100, 200, 25);
```

```
        l = new Label();
```

```
        l.setBounds(50, 150, 300, 50);
```

```
        b = new Button("Divide");
```

```
        b.setBounds(50, 200, 100, 50);
```

```
        b.addActionListener(this);
```

```

add (b);
add (tf1);
add (tf2);
add (l);
setSize (800, 800);
setLayout (null);
setVisible (true);
}

```

BHARATH
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```

public void actionPerformed (ActionEvent e)
{
    try {
        String n1 = tf1.getText();
        String n2 = tf2.getText();
        l.setText ("Quotient : " + (Integer.parseInt(n1)
                                                                    / Integer.parseInt(n2)));
    }
    catch (NumberFormatException ze)
    {
        l.setText ("Cannot divide non-numerical /
                                                                    non-integer values");
    }
    catch (ArithmeticException ze)
    {
        l.setText ("Cannot divide by zero");
    }
}

```

BHARATH
IBM19CS035

```
public static void main (String args[])  
{
```

```
    new Main();
```

```
}
```

```
}
```