Nayana. J

WEEK12

1BM19CS095

```
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
public class integerdivision extends Frame implements
 ActionListener {
      Textfield n1, n2, res;
      Label ln1, ln2, lres;
      Button b;
    public integerdivision() {
    setlayout( new FlowLayout());
Label ln1 = new label ("NUMBER1", label.Right);
Label ln2 = new label ("NUMBER2", label.RIGHT);
Label lres = new label ("NUMBER3", label.RIGHT
     n1  = new Textfield(12);
    n2 = new Textfield(8);
    res = new Textfield(10);
     b= new Button("DIVIDE");
       add (ln1);
       add (n1);
       add (ln2);
       add (n2);
       add (b)
       add (lres);
       add (res);
    b. add ActionListener (this);
add WindowListener ( new WindowAdapter1());
 }.
```

```
public void actionPerformed(ActionEvent ae)
    {
        if (ae.getSource() == b)
        {
    try {
        int num1 = Integer.parseInt(n1.getText());
    int num2 = Integer.parseInt(n2.getText());
    int num3 = num1/num2;
    res.setText(String.valueOf(num3));
    }
    catch (NumberFormatException ne){
      JOptionPane.showMessageDialog(this, ne, "ERROR",
                JOptionPane.ERROR_MESSAGE);
        }
    catch(ArithematicException a){
        JOptionPane.showMessageDialog(this, a, "ERROR",
                    JOptionPane.ERROR_MESSAGE);
        }
    }
    }.
    public static void main(String args[])
        {
            integerdivision i = new integerdivision();
    i.setSize(new Dimension(400, 400));
      i.setTitle("INTEGER DIVISION OF TWO NUMBERS");
      i.setVisible(true);
    }
    class WindowAdapter1 extends WindowAdapter{
        public void windowClosing(WindowEvent we)
            {  System.exit(0);
            }
        }
    }
```