Lab Program 10:

```
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("NUMBER 1", Label
                .RIGHT);
    Label ln2 = new Label("NUMBER 2",
                Label.RIGHT);
    Label lres = new Label("RESULT",
                 Label.RIGHT);

    n1 = new TextField(12);
    n2 = new TextField(8);
    nBS = new TextField(10);
    b = new Button("DIVIDE");
    add(ln1);
    add(n1);
    add(ln2);
    add(n2);
    add(b);
    add(lres);
    add(res);
```

```
        b.addActionListener(this);
        addWindowListener(new WindowAdapter2
                                ());
    }

    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_MES-
            -SAGE);
            }
        }
    }

    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);
    }
}
```