

```

1  import java.awt.*;
2  import java.awt.event.*;
3
4  public class ArithOp extends Frame implements ActionListener {
5      TextField f1, f2, f3, f4;
6      Label lf1, lf2, lf3, lf4;
7      Button b;
8
9      public ArithOp() {
10         setLayout(new FlowLayout());
11         Label lf1 = new Label("FIELD 1", Label.RIGHT);
12         Label lf2 = new Label("FIELD 2", Label.RIGHT);
13         Label lf3 = new Label("OPERATION", Label.RIGHT);
14         Label lf4 = new Label("RESULT", Label.RIGHT);
15         f1 = new TextField(12);
16         f2 = new TextField(12);
17         f3 = new TextField(12);
18         f4 = new TextField(12);
19         b = new Button("PERFORM");
20         add(lf1);
21         add(f1);
22         add(lf2);
23         add(f2);
24         add(lf3);
25         add(f3);
26         add(b);
27         add(lf4);
28         add(f4);

```

length: 1,908 lines: 71

Ln: 71 Col: 2 Sel: 0|0

Windows (CR LF) UTF-8

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7      add(lf4);
8      add(f4);
9
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29
30      b.addActionListener(this);
31      addWindowListener(new WindowAdapter1());
32
33  }
34
35  public void actionPerformed(ActionEvent ae) {
36      if (ae.getSource() == b) {
37
38          int num1 = Integer.parseInt(f1.getText());
39          int num2 = Integer.parseInt(f2.getText());
40          int num3 = 0;
41          String op = f3.getText();
42          switch(op){
43              case "+": num3 = num1+num2;
44              break;
45
46              case "-": num3 = num1-num2;
47              break;
48
49              case "*": num3 = num1 * num2;
50              break;
51
52              case "/": num3 = num1 / num2;
53          }
54          f4.setText(String.valueOf(num3));

```

```

53         break;
54     case "*": num3 = num1 * num2;
55         break;
56     case "/": num3 = num1 / num2;
57     }
58     f4.setText(String.valueOf(num3));
59 }
60
61 public static void main(String args[]) {
62     ArithOp cp = new ArithOp();
63     cp.setSize(new Dimension(400, 400));
64     cp.setTitle("PERFORM");
65     cp.setVisible(true);
66 }
67
68 class WindowAdapter1 extends WindowAdapter {
69     public void windowClosing(WindowEvent we) {
70         System.exit(0);
71     }
72 }

```



```
C:\Users\Surendra\Desktop>javac Arithop.java  
C:\Users\Surendra\Desktop>java ArithOp
```

PERFORM

FIELD 1

10

FIELD 2

5

OPERATION

*

PERFORM

RESULT

50

error

```
C:\Users\Surendra\Desktop>javac Arithop.java  
C:\Users\Surendra\Desktop>java ArithOp
```

PERFORM

FIELD 1

10

FIELD 2

5

OPERATION

-

PERFORM

RESULT

5