

```
1 // Numbers.java
2 // Input three numbers, output sum, average, product, smallest, and largest.
3 // by Taper Wickel
4
5 import java.applet.Applet;
6 import java.awt.*;
7 import java.awt.event.*;
8
9 public class Rectangle extends Applet implements ActionListener {
10     Label prompt1, prompt2, prompt3, prompt4;
11     TextField input1, input2, input3, input4;
12
13     int xCoord, yCoord, l, h;
14
15     Button go_button = new Button("Go!");
16     String result = "";
17
18     public void init() {
19         prompt1 = new Label( "X of left upper corner " );
20         add( prompt1 );
21
22         input1 = new TextField( 10 );
23         add( input1 );
24
25         prompt2 = new Label( "Y of left upper corner" );
26         add( prompt2 );
27
28         input2 = new TextField( 10 );
29         add( input2 );
30
31         prompt3 = new Label( "Length of rectangle" );
32         add( prompt3 );
33
34         input3 = new TextField( 10 );
35         add( input3 );
36
37         prompt4 = new Label( "Height of rectangle" );
38         add( prompt4 );
39
40         input4 = new TextField( 10 );
41         add( input4 );
42
43         go_button.addActionListener( this );
44         add( go_button );
45     }
46
47     public void paint( Graphics g ) {
48         g.drawRect(xCoord, yCoord, l, h);
49     }
50
51     public void actionPerformed((ActionEvent e) {
52         int tempsmall, templarge;
53
54         xCoord = Integer.parseInt( input1.getText() );
55         yCoord = Integer.parseInt( input2.getText() );
56         l = Integer.parseInt( input3.getText() );
57         h = Integer.parseInt( input4.getText() );
58
59         repaint();
60     }
61 }
62
```

