

```

1  import java.awt.GridLayout;
10
11
12 public class MyEventA implements ActionListener{
13     JPanel pN, pS;
14     JFrame aFrame ;
15     JLabel labell1 ;
16     JTextField TF1 ;
17     JButton b1;
18
19     public MyEventA () {
20         // initializing the components.
21         intializeComp () ;
22
23         // optimizing the objects.
24         optimizeObjects();
25     }
26
27     public void intializeComp () {
28         aFrame = new JFrame ("Part 2 Using getSource") ;
29
30         pN = new JPanel() ;
31         pS = new JPanel() ;
32
33         b1 = new JButton("+");
34
35         labell1 = new JLabel("Current Value:") ;
36
37         TF1 = new JTextField(10) ;
38         TF1.setText("0");
39     }
40
41     public void optimizeObjects(){
42         aFrame.setLayout(new GridLayout(2,1));
43
44         //Adding the ActionListener for the buttons
45         b1.addActionListener(this);
46
47         //adding the components to the panel then adding the pannel to the frame
48         pN.add(labell1);
49         pN.add(TF1);
50
51         pS.add(b1);
52
53         aFrame.add(pN);
54         aFrame.add(pS);
55
56         //aFrame.setSize(300, 150);
57         aFrame.pack(); // this code will pack all the component in the frame and resize
the frame to fit the componenet
58         aFrame.setVisible(true);
59         aFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
60     }
61
62     @Override
63     public void actionPerformed(ActionEvent e) {
64         // TODO Auto-generated method stub
65         TF1.setText(Integer.parseInt(TF1.getText())+ 1 + "");
66     }

```

MyEventA.java

```
67
68  public static void main (String args []) {
69      MyEventA window = new MyEventA() ;
70
71  }
72
73
74
75 }
76
```