

```

1  import java.awt.BorderLayout;
13
14
15 public class MyEventB implements ActionListener{
16     JPanel pN, pS;
17     JFrame aFrame ;
18     JLabel label1 ;
19     JTextField TF1 ;
20     JButton b1, b2 ,b3 ,b4 ;
21
22     public MyEventB () {
23         // initializing the components.
24         intializeComp () ;
25
26         // optimizing the objects.
27         optimizeObjects();
28     }
29
30     public void intializeComp () {
31         aFrame = new JFrame ("Part 3 Using getActionCommand") ;
32
33         pN = new JPanel() ;
34         pS = new JPanel() ;
35
36         b1 = new JButton("+");
37         b2 = new JButton("-");
38         b3 = new JButton("Reset");
39         b4 = new JButton("Quit");
40
41         label1 = new JLabel("Current Value:") ;
42
43         TF1 = new JTextField(10) ;
44         TF1.setText("0");
45     }
46
47     public void optimizeObjects(){
48         aFrame.setLayout(new GridLayout(2,1));
49
50         //Adding the ActionListener for the buttons
51         b1.addActionListener(this);
52         b2.addActionListener(this);
53         b3.addActionListener(this);
54         b4.addActionListener(this);
55
56
57         //adding the components to the panel then adding the pannel to the frame
58         pN.add(label1);
59         pN.add(TF1);
60
61         pS.add(b1);
62         pS.add(b2);
63         pS.add(b3);
64         pS.add(b4);
65
66         aFrame.add(pN);
67         aFrame.add(pS);
68
69         //aFrame.setSize(300, 150);
70         aFrame.pack(); // this code will pack all the component in the frame and resize

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the frame to fit the componenet
71     aFrame.setVisible(true);
72     aFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
73 }
74
75 @Override
76 public void actionPerformed(ActionEvent e) {
77     // TODO Auto-generated method stub
78     if(e.getActionCommand().equals("+")) {
79         TF1.setText(Integer.parseInt(TF1.getText())+ 1 + "");
80     }
81     else if(e.getActionCommand().equals("-")) {
82         TF1.setText(Integer.parseInt(TF1.getText())- 1 + "");
83     }
84     else if(e.getActionCommand().equals("Reset")) {
85         TF1.setText("0");
86     }
87     else if(e.getActionCommand().equals("Quit")) {
88         System.exit(0);
89     }
90 }
91
92 public static void main (String args []) {
93     MyEventB window = new MyEventB() ;
94 }
95
96
97
98 }
99

```