

```
1 package pv_unidade_03_ex03_jtextfield;
2
3 import java.awt.FlowLayout;
4 import java.awt.event.ActionEvent;
5 import java.awt.event.ActionListener;
6 import javax.swing.JFrame;
7 import javax.swing.JOptionPane;
8 import javax.swing.JPasswordField;
9 import javax.swing.JTextField;
10
11 /**
12  * @author Edwar Saliba Júnior - http://www.esj.eti.br
13  */
14 public class TextFieldFrame extends JFrame {
15
16     private JTextField textField1;
17     private JTextField textField2;
18     private JTextField textField3;
19     private JPasswordField passwordField;
20
21     public TextFieldFrame() {
22         super("Testando JTextField e JPasswordField");
23         setLayout(new FlowLayout());
24
25         // Cria um JTextField com 10 colunas.
26         textField1 = new JTextField(10);
27         add(textField1);
28
29         // Cria um JTextField com valor inicial.
30         textField2 = new JTextField("Escreva um texto aqui.");
31         add(textField2);
32
33         // Cria um JTextField com valor inicial e com 21 colunas.
34         textField3 = new JTextField("TextField desabilitado.", 20);
35         textField3.setEditable(false); // Desabilita o JTextField.
36         add(textField3);
37
38         // Cria um JPasswordField com valor inicial.
39         passwordField = new JPasswordField("123456");
40         add(passwordField);
41
42         // Registra os handlers de eventos.
43         TextFieldHandler handler = new TextFieldHandler();
44         textField1.addActionListener(handler);
45         textField2.addActionListener(handler);
46         textField3.addActionListener(handler);
47         passwordField.addActionListener(handler);
48     }
49
50     private class TextFieldHandler implements ActionListener {
51
52         // Evento disparado ao teclar <Enter>.
53         @Override
54         public void actionPerformed(ActionEvent event) {
55             String string = "";
56
57             if (event.getSource() == textField1) {
58                 string = String.format("textField1: %s", event.getActionCommand());
59             }
60             else if (event.getSource() == textField2) {
61                 string = String.format("textField2: %s", event.getActionCommand());
62             }
63             else if (event.getSource() == textField3) {
64                 string = String.format("textField3: %s", event.getActionCommand());
65             }
66             else if (event.getSource() == passwordField) {
67                 string = String.format("passwordField: %s", new String(passwordField.getPassword()));
68             }
69
70             JOptionPane.showMessageDialog(null, string);
71         }
72     }
73 }
```