

File: PR11.java

```
1.  import java.awt.*;
2.  import java.awt.event.ActionEvent;
3.  import java.awt.event.ActionListener;
4.  import javax.swing.*;
5.  /*
6.   <html>
7.   <body>
8.   <applet code="PR11.class" width=750 height=250></applet>
9.   </body>
10. </html>
11. */
12.
13. public class PR11 extends JApplet{
14.     JComboBox jComboBox;
15.     JLabel label1,label2,label3,label4,label5;
16.     JTextField textField;
17.     String[] elements = {"Lightning","Fire","Water","Earth","wind"};
18.     ImageIcon icon;
19.     JLabel buttonPress = new JLabel("");
20.     String msg = "Button Pressed: ";
21.
22.     public void init(){
23.         Container con = getContentPane();
24.         con.setLayout(new GridBagLayout());
25.         textField = new JTextField("Selected Label");
26.         textField.setSize(300,300);
27.         textField.setLocation(200,150);
28.
29.
30.
31.         Icon cpp = (Icon) new ImageIcon("c++.png");
32.
33.         Icon java = (Icon) new ImageIcon("java.png");
34.         Icon cSharp = (Icon) new ImageIcon("c.png");
35.
36.         JButton cppButton = new JButton(cpp);
37.         cppButton.setSize(50,50);
38.         JButton javaButton = new JButton(java);
39.         javaButton.setSize(50,50);
40.         JButton cSharpButton = new JButton(cSharp);
41.         cSharpButton.setSize(50,50);
42.
43.         cppButton.addActionListener(new ActionListener() {
44.             @Override
45.             public void actionPerformed(ActionEvent e) {
46.                 buttonPress.setText(msg + "C");
47.             }
48.         });
49.
50.         javaButton.addActionListener(new ActionListener() {
51.             @Override
52.             public void actionPerformed(ActionEvent e) {
53.                 buttonPress.setText(msg + "Java");
54.             }
55.         });
56.
57.         cSharpButton.addActionListener(new ActionListener() {
58.             @Override
59.             public void actionPerformed(ActionEvent e) {
60.                 buttonPress.setText(msg + "C sharp");
61.             }
62.         });
63.
64.         cSharpButton.setLocation(100,100);
65.
66.         jComboBox = new JComboBox(elements);
```

```
67.     jComboBox.setSize(200,150);
68.     jComboBox.setLocation(0,0);
69.
70.     getContentPane().add(textField);
71.     getContentPane().add(jComboBox);
72.     getContentPane().add(cppButton);
73.     getContentPane().add(javaButton);
74.     getContentPane().add(cSharpButton);
75.     getContentPane().add(buttonPress);
76.
77.     Object ob = jComboBox.getSelectedItem();
78.     System.out.println(ob);
79.     jComboBox.addActionListener(new ActionListener() {
80.         @Override
81.         public void actionPerformed(ActionEvent e) {
82.             String s = jComboBox.getSelectedItem().toString();
83.             System.out.println(s);
84.             textField.setText(s);
85.             repaint();
86.         }
87.     });
88.
89. }
90.
91. }
92.
```