

JAVA EXAMPLES - CREATE EVENTLISTENER IN APPLET

http://www.tutorialspoint.com/javaexamples/applet_eventlisteners.htm

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Problem Description:

How to create an event listener in Applet?

Solution:

Following example demonstrates how to create a basic Applet having buttons to add & subtract two nos. Methods used here are addActionListener to listen to an event *clickonabutton* & Button constructor to create a button.

```
import java.applet.*;
import java.awt.event.*;
import java.awt.*;

public class EventListeners extends Applet
implements ActionListener{
    TextArea txtArea;
    String Add, Subtract;
    int i = 10, j = 20, sum =0, Sub=0;
    public void init(){
        txtArea = new TextArea(10,20);
        txtArea.setEditable(false);
        add(txtArea,"center");
        Button b = new Button("Add");
        Button c = new Button("Subtract");
        b.addActionListener(this);
        c.addActionListener(this);
        add(b);
        add(c);
    }
    public void actionPerformed(ActionEvent e){
        sum = i + j;
        txtArea.setText("");
        txtArea.append("i = " + i + "\t" + "j = " + j + "\n");
        Button source = (Button)e.getSource();
        if(source.getLabel() == "Add"){
            txtArea.append("Sum : " + sum + "\n");
        }
        if(i > j){
            Sub = i - j;
        }
        else{
            Sub = j - i;
        }
        if(source.getLabel() == "Subtract"){
            txtArea.append("Sub : " + Sub + "\n");
        }
    }
}
```

Result:

The above code sample will produce the following result in a java enabled web browser.

[View in Browser](#)

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