≡ java T point

🔍 Search on javatpoint...

Home | C | **C++** | **C#** | **Java** | **Servlet** | **JSP** | **EJB** | **Struts2** | **Mail** | **Hibernate** | **Spring** | **Android** | **Design P** | **Quiz** | **Projects** | **Interview Q**

Java KeyListener Interface

The Java KeyListener is notified whenever you change the state of key. It is notified against KeyEvent. The KeyListener interface is found in java.awt.event package. It has three methods.

Methods of KeyListener interface

The signature of 3 methods found in KeyListener interface are given below:

```
public abstract void keyPressed(
public abstract void keyRelease
public abstract void keyTyped(K
```

Java KeyListener Example

```java
import java.awt.*;
import java.awt.event.*;
public class KeyListenerExample
    Label l;
    TextArea area;
    KeyListenerExample(){

        l=new Label();
        l.setBounds(20,50,100,20);
        area=new TextArea();
        area.setBounds(20,80,300,
        area.addKeyListener(this);

        add(l);add(area);
        setSize(400,400);
        setLayout(null);
        setVisible(true);
    }
    public void keyPressed(KeyEve
        l.setText("Key Pressed");
    }
    public void keyReleased(KeyE
        l.setText("Key Released");
    }
    public void keyTyped(KeyEven
        l.setText("Key Typed");
    }

    public static void main(String
        new KeyListenerExample()
    }
}
```

Output:

Java KeyListener Example 2: Count Words & Characters

```java
import java.awt.*;
import java.awt.event.*;
public class KeyListenerExample
    Label l;
    TextArea area;
    KeyListenerExample(){

        l=new Label();
        l.setBounds(20,50,200,20);
        area=new TextArea();
        area.setBounds(20,80,300,
        area.addKeyListener(this);

        add(l);add(area);
        setSize(400,400);
        setLayout(null);
        setVisible(true);
    }
    public void keyPressed(KeyEve
    public void keyReleased(KeyE
        String text=area.getText();
        String words[]=text.split("\
        l.setText("Words: "+words.
    }
    public void keyTyped(KeyEven

    public static void main(String
        new KeyListenerExample()
    }
}
```
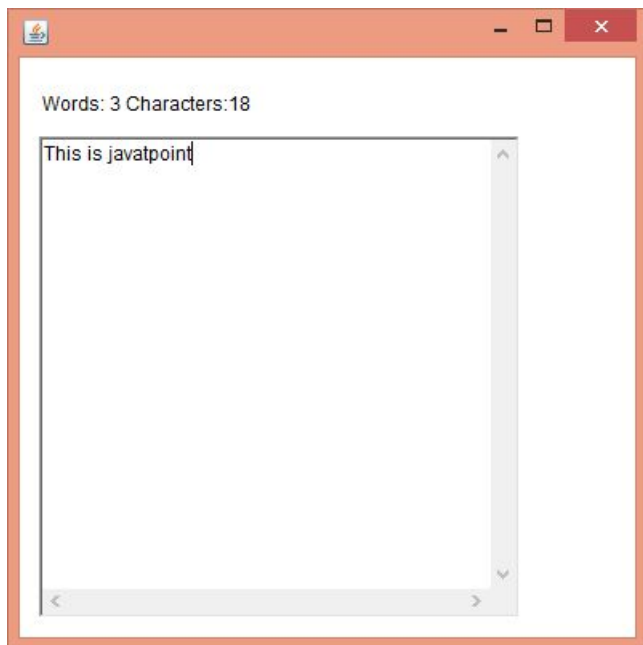
Output:

Words: 3 Characters:18

This is javatpoint

Latest 4 Tutorials on JavaTpoint

Java Swing	XHTML	MathML	Java AWT

Share 12