

```

1 // TextArea Example to find number of words and characters
2 import java.awt.*;
3 import java.awt.event.*;
4
5
6 public class TextAreaWithActionEvent extends Frame implements ActionListener
7 {
8     TextArea t;
9     Button b;
10    Label l1;
11    Label l2;
12
13
14    TextAreaWithActionEvent()
15    {
16        t=new TextArea();
17        b=new Button("Submit");
18        l1=new Label();
19        l2=new Label();
20
21        t.setBounds(50,50,200,100);
22        b.setBounds(50,200,100,50);
23        l1.setBounds(50,300,300,50);
24        l2.setBounds(50,400,300,50);
25
26        add(t);
27        add(b);
28        add(l1);
29        add(l2);
30
31        b.addActionListener(this);
32
33        setSize(500,500);
34        setLayout(null);
35        setVisible(true);
36
37    }
38
39    public void actionPerformed(ActionEvent e)
40    {
41        String text=t.getText();
42        // System.out.println(text);
43        String var[]=text.split("\\s");
44        // System.out.println(var.length);
45        l1.setText("Number of Words ==> "+var.length);
46        l2.setText("Number of Characters ==> "+text.length());
47    }
48
49    public static void main(String args[])
50    {
51        TextAreaWithActionEvent obj=new TextAreaWithActionEvent();
52
53    }
54 }
55

```