java point

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Java AWT Scrollbar

The object of Scrollbar class is used to add horizontal and vertical scrollbar. Scrollbar is a GUI component allows us to see invisible number of rows and columns.

AWT Scrollbar class declaration
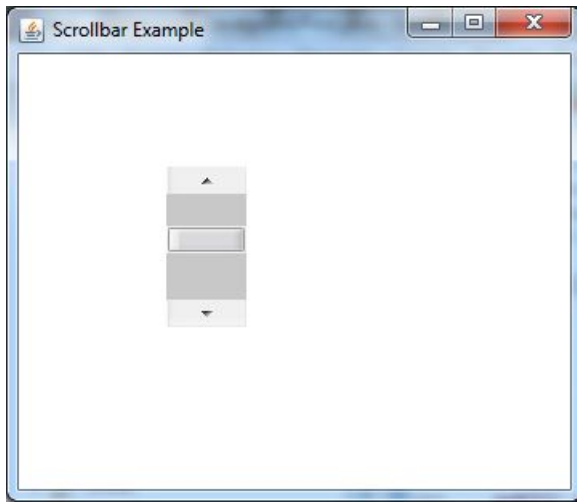
```
public class Scrollbar extends Cc
```

Java AWT Scrollbar Example

```
import java.awt.*;
class ScrollbarExample{
ScrollbarExample(){
        Frame f= new Frame("S
        Scrollbar s=new Scrollba
        s.setBounds(100,100, 50
        f.add(s);
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
}
public static void main(String arg
{
    new ScrollbarExample();
}
}
```
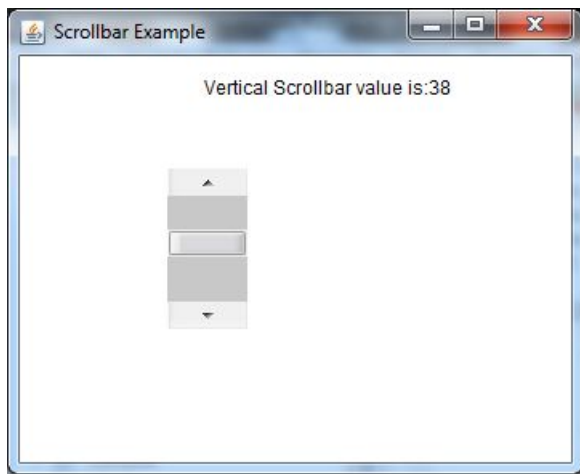
Output:

Java AWT Scrollbar Example with AdjustmentListener

```java
import java.awt.*;
import java.awt.event.*;
class ScrollbarExample{
    ScrollbarExample(){
        Frame f= new Frame("Sc
        final Label label = new
        label.setAlignment(Labe
        label.setSize(400,100);
        final Scrollbar s=new Sc
        s.setBounds(100,100, 50
        f.add(s);f.add(label);
        f.setSize(400,400);
        f.setLayout(null);
        f.setVisible(true);
        s.addAdjustmentListene
            public void adjustme
              label.setText("Vert
          }
        });
    }
public static void main(String arg
{
new ScrollbarExample();
}
}
```

Output:

Vertical Scrollbar value is:38

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