Example JScrollPane in Java Swing

A scroll pane is a container that represents a small area to view other component. If the component is larger than the visible area, scroll pane provides horizontal and/or vertical scroll bars automatically for scrolling the components through the pane. A scroll pane is an object of the JScrollPane class which extendsJComponent.

Some of the constructors defined by JScrollPane class are as follows.

- **JSrollPane ()**
- **JScrollPane(Component component)**
- **JScrollPane(int ver, int hor)**
- **JScrollPane(Component component, int ver, int hor)**

where,

- **component** is the component to be added to the scroll pane
- **ver** and **hor** specify the policies to display the vertical and horizontal scroll bar, respectively.
- Some of the standard policies are:
    - HORIZONTAL_SCROLLBAR_ALWAYS
    - HORIZONTAL_SCROLLBAR_AS_NEEDED
    - VERTICAL_SCROLLBAR_ALWAYS
    - VERTICAL_SCROLLBAR_AS_NEEDED

Note: JScrollPane is a lightweight container.

```java
import javax.swing.*;
import java.awt.*;
public class JavaExampleJScrollPane extends JFrame
  {
    private JPanel Pnl = new JPanel();
    private JScrollPane Scrl = new JScrollPane(Pnl,
    ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS,
    ScrollPaneConstants.HORIZONTAL_SCROLLBAR_ALWAYS);
    private JLabel Lbl = new JLabel("JScrollPane in Java Swing Example");
    private Font font = new Font("Arial", Font.PLAIN, 20);
    private Container cntnr;
    public JavaExampleJScrollPane()
      {
        super("JScrollPane in Java Swing Example");
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        cntnr = getContentPane();
        Lbl.setFont(font);
        cntnr.add(Scrl);
        Pnl.add(Lbl);
      }
        public static void main(String[] args)
          {
            final int WIDTH = 180;
            final int HEIGHT = 100;
            JavaExampleJScrollPane Scroll = new JavaExampleJScrollPane();
            Scroll.setSize(250,300);
            Scroll.setVisible(true);
          }
  }
```