JTextComponent 4
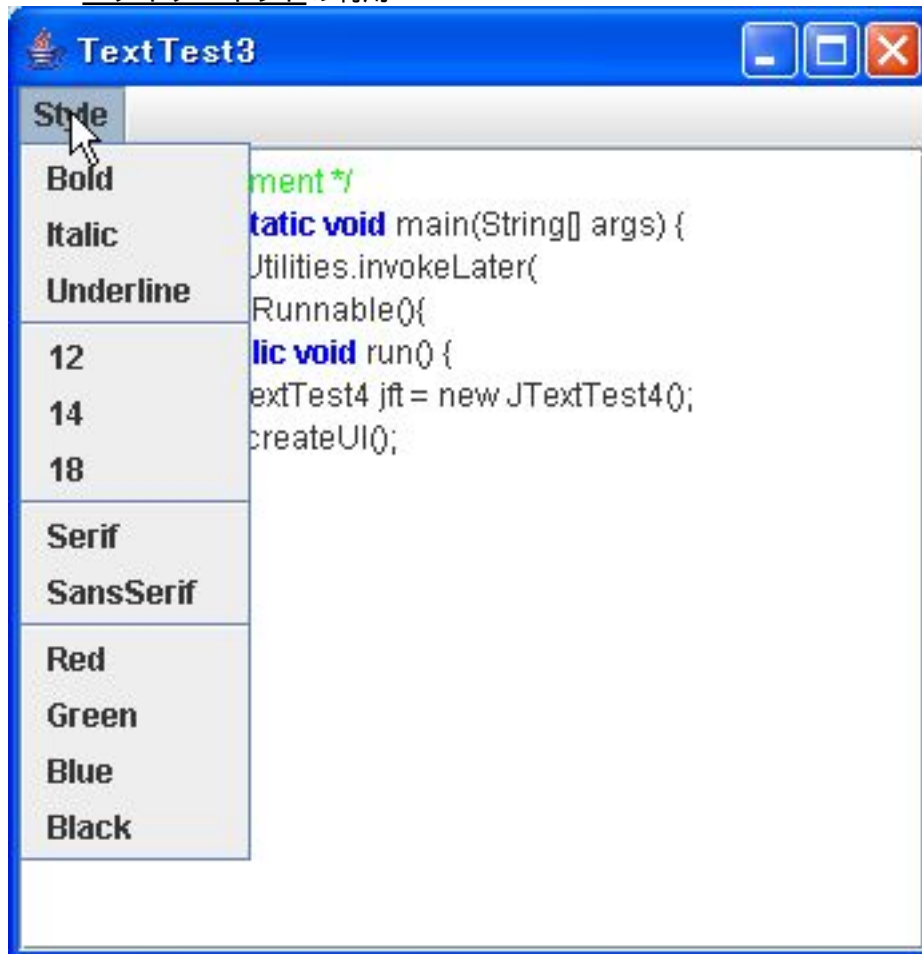


```java
import java.awt.BorderLayout;
import java.awt.Color;
import java.awt.Dimension;

import javax.swing.Action;
import javax.swing.JFrame;
import javax.swing.JMenu;
import javax.swing.JMenuBar;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.JTextPane;
import javax.swing.SwingUtilities;
import javax.swing.text.StyledEditorKit;

/**
 * @see http://java.sun.com/docs/books/tutorial/uiswing/components/generaltext.html
 */
public class JTextTest4 {
    private JFrame frame;
    private JTextPane txtPane;

    /**
     * StyledEditorKit
     */
    private JMenu getMenu() {
        JMenu menu = new JMenu("Style");
        Action action = null;

        action = new StyledEditorKit.BoldAction();
        action.putValue(Action.NAME, "Bold");
        menu.add(action);
```

```java
        action = new StyledEditorKit.ItalicAction();
        action.putValue(Action.NAME, "Italic");
        menu.add(action);

        action = new StyledEditorKit.UnderlineAction();
        action.putValue(Action.NAME, "Underline");
        menu.add(action);

        menu.addSeparator();

        menu.add(new StyledEditorKit.FontSizeAction("12", 12));
            menu.add(new StyledEditorKit.FontSizeAction("14", 14));
            menu.add(new StyledEditorKit.FontSizeAction("18", 18));

            menu.addSeparator();

            menu.add(new StyledEditorKit.FontFamilyAction("Serif",     "Serif"));
            menu.add(new StyledEditorKit.FontFamilyAction("SansSerif", "SansSerif"));

            menu.addSeparator();

            menu.add(new StyledEditorKit.ForegroundAction("Red",   Color.red));
            menu.add(new StyledEditorKit.ForegroundAction("Green", Color.green));
            menu.add(new StyledEditorKit.ForegroundAction("Blue",  Color.blue));
            menu.add(new StyledEditorKit.ForegroundAction("Black", Color.black));

            return menu;
    }
    private void createUI() {
        frame = new JFrame("TextTest3");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        txtPane = new JTextPane();
        txtPane.setPreferredSize(new Dimension(200,100));

        JPanel basePanel = new JPanel(new BorderLayout());
        basePanel.add(new JScrollPane(txtPane), BorderLayout.CENTER);

        //
        JMenu menu = getMenu();
        JMenuBar mb = new JMenuBar();
        mb.add(menu);
        frame.setJMenuBar(mb);

        frame.getContentPane().add(basePanel);
        frame.pack();
        frame.setVisible(true);
    }
    public static void main(String[] args) {
        SwingUtilities.invokeLater(
            new Runnable(){
                public void run() {
                    JTextTest4 jft = new JTextTest4();
                    jft.createUI();
                }
            }
        );
    }
}
```