

Plain Text Areas:

TextArea

TextArea is a part of java Swing package. It represents a multi line area that displays text. It is used to edit the text. TextArea inherits JComponent class. The text in TextArea can be set to different available fonts and can be appended to new text. A text area can be customized to the need of user.

Constructors of TextArea:

1. **TextArea()** : This constructor constructs a new blank text area .

Example

```
TextArea txt=new TextArea();
```

2. **TextArea(String s)** : This constructor constructs a new text area with a given initial text.

Example

```
TextArea txt=new TextArea("Remarks");
```

3. **TextArea(int row, int column)** : This constructor constructs a new text area with a given number of rows and columns.

Example

```
TextArea txt=new TextArea();
```

4. **TextArea(String s, int row, int column)** : This constructor constructs a new text area with a given number of rows and columns and a given initial text.

Example

```
TextArea txt=new TextArea("Remarks",5,30);
```

Methods of TextArea:

1. **append(String s)** : This method is used to appends the given string to the text of the text area.
2. **getLineCount()** : This method is used to get number of lines in the text of text area.

Example

```
int n=t.getLineCount();
```

3. **setFont(Font f)** : This method is used to sets the font of text area to the given font.

3. **setColumns(int c)** : This method is used to sets the number of columns of the text area to given integer.
4. **setRows(int r)** : This method is used to sets the number of rows of the text area to given integer.
5. **getColumnns()** : This method is used to get the number of columns of text area.
6. **getRows()** : This method is used to get the number of rows of text area.

Example1:

```
import javax.swing.*;
public class TextAreaEx
{
    public static void main(String args[])
    {
        JFrame f= new JFrame();
        JTextArea area=new JTextArea("Remarks");
        area.setBounds(10,30, 200,200);
        f.add(area);
        f.setSize(300,300);
        f.setLayout(null);
        f.setVisible(true);
    }
}
```

Example2:

```
import javax.swing.*;
public class TextAreaEx
{
    public static void main(String args[])
    {
        JFrame f= new JFrame();
        JTextArea area=new JTextArea("Remarks");
        area.setBounds(10,30, 200,200);

        Font font = new Font("Arial Black", Font.BOLD,18);
        area.setFont(font);

        area.setBackground(Color.RED);
    }
}
```

```
        area.setForeground(Color.YELLOW);

        f.add(area);
        f.setSize(300,300);
        f.setLayout(null);
        f.setVisible(true);
    }
}
```