

## RoundedTextArea.java

```
1 package project;
2
3 import java.awt.Color;
10
11 /* This is a customised version of TextArea class , it simply customised the
    rectangle shape to
12 * Rounded Rectangle */
13 public class RoundedTextArea extends JTextArea {
14
15     private static final long serialVersionUID = 1L;
16     private Color roundedColor=Color.blue;
17     private Border border=null;
18
19
20     public RoundedTextArea(int rows,int columns) {
21         super(rows,columns);
22         setOpaque(false);
23         getInsets().set(10, 20, 10, 10);
24         Border emptyBorder=BorderFactory.createEmptyBorder(3, 6, 3,6);
25         Border compoundBorder=BorderFactory.createCompoundBorder( new
    CustomBorder(1,roundedColor),emptyBorder);
26         setBorder( compoundBorder);
27         border=compoundBorder;
28         setFont( new Font("Aerial", Font.PLAIN, 12));
29     }
30
31     @Override
32     public void paintComponent(Graphics g) {
33         Graphics2D g2 = (Graphics2D) g;
34         g2.setColor(getBackground());
35         g2.fillRoundRect(0, 0, getWidth()-1, getHeight()-1, 15, 15);
36         super.paintComponent(g2);
37     }
38
39     public void setColor_RoundedRectangle(Color color){
40         this.roundedColor=color;
41     }
42
43     public Border getOriginalBorder(){
44         return border;
45     }
46
47 }
48
```