

RoundedTextField.java

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