

CustomBorder.java

```
1 package project;
2
3 import java.awt.BasicStroke;
11
12 /* This is the Cutom Border and it will be used as a Border for all the Panels.
13 * It is a rounded rectangle border */
14 public class CustomBorder extends AbstractBorder {
15
16     private static final long serialVersionUID = 1L;
17     private int thickness;
18     private Color lineColor;
19
20     public CustomBorder(int thickness,Color lineColor){
21         super();
22         this.thickness=thickness;
23         this.lineColor=lineColor;
24
25     }
26
27     @Override
28     public void paintBorder(Component c, Graphics g, int x, int y, int width, int
height) {
29         super.paintBorder(c, g, x, y, width, height);
30         Graphics2D g2d=(Graphics2D)g;
31         g2d.setRenderingHint(RenderingHints.KEY_ANTIALIASING,
32             RenderingHints.VALUE_ANTIALIAS_ON);
33         g2d.setStroke(new BasicStroke(thickness));
34         g2d.setColor(lineColor);
35         g2d.drawRoundRect(x, y, width-1, height-1, 15, 15);
36     }
37 }
38
```