

```
1 package ticTacToe.component;
2
3 import java.awt.Color;
4 import java.awt.Graphics;
5
6 public class Button extends AbstractComponent {
7
8     public Button() {
9         super();
10    }
11
12    public Button(int x, int y) {
13        super(x, y);
14    }
15
16    public Button(int x, int y, int width, int height) {
17        super(x, y, width, height);
18    }
19
20    @Override
21    public void paint(Graphics g) {
22
23        g.drawRect(position.x, position.y, width(), height());
24
25        if (this.mouseOver)
26            doMouseOverDecoration(g);
27    }
28
29    private void doMouseOverDecoration(Graphics g) {
30
31        int offset = 5;
32        int doubleOffset = offset * 2;
33        Color buttonColor = g.getColor();
34
35        g.setColor(Color.pink);
36        g.drawRect(position.x + offset, position.y + offset, width() - doubleOffset, height
37    () - doubleOffset);
38        g.setColor(buttonColor);
39    }
40 }
```