

```
1 package ticTacToe.component;
2
3 import java.awt.Color;
4
15 public class Button extends AbstractComponent{
16
17
18     public Button() {
19         super();
20     }
21
22     public Button(int x, int y) {
23         super(x, y);
24     }
25
26     public Button(int x, int y, int width, int height) {
27         super(x, y, width, height);
28     }
29
30     @Override
31     public void paint(Graphics g) {
32
33
34         g.drawRect(position.x, position.y,
35                     dimension.width, dimension.height);
36
37         if (mouseOver == true) {
38             doMouseOverDecoration(g);
39         }
40     }
41
42     private void doMouseOverDecoration(Graphics g) {
43
44         Color corOriginal = g.getColor();
45
46         g.setColor(Color.RED);
47         g.drawRect(position.x + 2, position.y + 2, dimension.width - 4, dimension.height -
48 4);
49         g.setColor(corOriginal);
50     }
51
52     //--reacting to mouse
53     click-----
54     public MouseListener mouseMouseListener() {
55         return new MouseListenerAdapter() {
56             @Override
57             public void mouseEntered(MouseEvent e) {
58                 mouseOver = true;
59                 e.getComponent().repaint();
60             }
61
62             @Override
63             public void mouseExited(MouseEvent e) {
64                 mouseOver = false;
65                 e.getComponent().repaint();
66             }
67         };
68     }
69 }
70
```