

## Selected files

### 2 printable files

Question\_2\Question\_2.java  
Question\_2\Test.java

#### Question\_2\Question\_2.java

```
1 package Question_2;
2
3 import javax.swing.JPanel;
4 import java.awt.Graphics;
5
6 public class Question_2 extends JPanel {
7     public void paintComponent(Graphics g) {
8         super.paintComponent(g);
9
10        int width = getWidth();
11        int height = getHeight();
12
13        // draw a line from the upper-left to the lower-right
14        g.drawLine(0, 0, width, height);
15
16        // draw a line from the lower-left to the upper-right
17        g.drawLine(0, height, width, 0);
18
19        // Draw a line from upper to lower edge in the middle
20        g.drawLine(0, height / 2, width, height / 2);
21
22        // Draw a line from left to right edge in the middle
23        g.drawLine(width / 2, 0, width / 2, height);
24
25    }
26 }
27
```

#### Question\_2\Test.java

```
1 package Question_2;
2
3 import javax.swing.JFrame;
4
5 public class Test {
6     public static void main(String[] args) {
7         Question_2 panel = new Question_2();
8
9         JFrame app = new JFrame();
10        app.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
11        app.add(panel);
12        app.setSize(500, 500);
13        app.setVisible(true);
14
15    }
16 }
17
```