

JAVA EXAMPLES - DISPLAY DIFFERENT SHAPES

http://www.tutorialspoint.com/javaexamples/gui_shapes.htm

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Problem Description:

How to display different shapes using GUI?

Solution:

Following example demonstrates how to display different shapes using Arc2D, Ellipse2D, Rectangle2D, RoundedRectangle2D classes.

```
import java.awt.Shape;
import java.awt.geom.*;

public class Main {
    public static void main(String[] args) {
        int x1 = 1, x2 = 2, w = 3, h = 4,
            x = 5, y = 6,
            y1 = 1, y2 = 2, start = 3;
        Shape line = new Line2D.Float(x1, y1, x2, y2);
        Shape arc = new Arc2D.Float(x, y, w, h, start, 1, 1);
        Shape oval = new Ellipse2D.Float(x, y, w, h);
        Shape rectangle = new Rectangle2D.Float(x, y, w, h);
        Shape roundRectangle = new RoundedRectangle2D.Float
            (x, y, w, h, 1, 2);
        System.out.println("Different shapes are created:");
    }
}
```

Result:

The above code sample will produce the following result.

```
Different shapes are created.
```