Euclid's Algorithm (redux)

- Input: two whole numbers

- 1. Call the larger number **X**, smaller number **Y**.

- 2. Divide **X** by **Y** and call the remainder **R**.

- 3. If **R** is *not* 0, then:
  - Change **X** to be the current value of **Y**,
  - Change **Y** to be the current value of **R**,
  - Go back to step 2.

- 4. Output **Y**.

The Java Programming Language

A First Program

```java
import objectdraw.*;
import java.awt.*;

public class TouchyWindow extends FrameWindowController {

    public void onMousePress(Location point) {
        new Text("I'm touched", 40, 50, canvas);
    }

    public void onMouseRelease(Location point) {
        canvas.clear();
    }

}
```