8/28 – CS 312 Discussion 1

What is the output produced by the following program?

```java
public class Discussion1 {
    public static void main(String[] args) {
        part1();
        part2();
        repeat();
        System.out.println("Done printing!");
    }

    public static void part1() {
        System.out.println("This is part 1.");
        repeat();
        repeat();
        System.out.println();
    }

    public static void part2() {
        System.out.println("This is part 2.");
        repeat();
        part1();
    }

    public static void repeat() {
        System.out.println("This line repeats a lot.");
    }
}
```