CS 152
Computer Programming Fundamentals
Lecture Group Quiz

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What's wrong?

```
public class Foo {

  public static void main() {

    int n = 16;

    if(n > 0) {
      IO.print(n + " ");
      n /= 2;
    }
    IO.println();
  }
}
```

Was supposed to print 16 8 4 2 1
but only prints 16

If statement is not a loop!

```
public class Foo {

  public static void main() {

    int n = 16;

    while(n > 0) {
      IO.print(n + " ");
      n /= 2;
    }
    IO.println();
  }
}
```

If you prefer a for loop

```
public class Foo {

  public static void main() {

    for(int n = 16; n > 0; n /= 2) {
      IO.print(n + " ");
    }
    IO.println();
  }
}
```