

## Quiz Practice

*This question is harder than what I'll give you on Wednesday but not by very much. Certainly, it's great computational thinking practice.*

*Bring it in Tuesday for extra credit. A correct response gets 4 extra credit points. 3 or 2 for an answer that's close and 1 for writing at least the method header.*

Write a method called `printSquare` that takes in two integer parameters, a *min* and a *max*, and prints the numbers in the range from *min* to *max* inclusive in a square pattern. The square pattern is easier to understand by example than by explanation, so take a look at the sample method calls and their resulting console output in the table below.

Call	<code>printSquare(1, 5);</code>	<code>printSquare(3, 9);</code>	<code>printSquare(0, 3);</code>
<b>Output</b>	12345 23451 34512 45123 51234	3456789 4567893 5678934 6789345 7893456 8934567 9345678	0123 1230 2301 3012

Each row of the square is composed of a sequence of numbers that increase by one until *max* is printed, after which the numbers wrap back around in the sequence so the next number printed is the *min*. The sequence then resumes, each number increasing by one, until all numbers in the range are printed. Then the row is finished and the next row begins. The first row begins with *min*, and the starting number on each subsequent row increases by one until the final row begins with *max*.

You may assume the caller of the method will pass a *min* and a *max* parameter such that  $\text{min} \leq \text{max}$ .