

For loops and parameters practice

Write a static method `hopscotch` that shows a sequence of numbers similar to the appearance of a hopscotch board. For this problem, a hopscotch board is an increasing sequence of numbers in lines in an alternating pattern. Odd lines contain a single number indented by 3 spaces. Even lines contain a pair of numbers with the first number not indented, followed by 5 spaces, followed by the second number.

Your method should accept a parameter representing the number of "hops" worth of numbers to display. Assume that the number of hops passed will be at least 0. Here are some example calls to the method and their resulting output:

Call	<code>hopscotch(0);</code>	<code>hopscotch(1);</code>	<code>hopscotch(2);</code>	<code>hopscotch(3);</code>	<code>hopscotch(5);</code>
Output	1	1 2 3 4	1 2 3 4 5 6 7	1 2 3 4 5 6 7 8 9 10	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Note: THIS SOUNDS HARDER THAN IT IS! Every time the loop counter is increased by 1, what happens to the pattern? What is always printed no matter what the parameter's value is? Loop tables could help figure out the number patterns...