Recursive pattern with squares   X78665_en

Deduce from the examples what has to be done in this exercise. Find a solution using a function/action which is **RECURSIVE** and writes to the output. It is allowed that the function/action uses loops, but the solution to the general problem must be **RECURSIVE**.

Input

The input in this exercise consists of several cases. Each case consists of a positive natural in one line.

Output

For each case, a recursive sequence is written at the output, followed by a blank line. Pay attention to the examples to deduce what the output is as a function of the input.

Sample input 1	Sample output 1

Sample input 1

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1
2
3
4
5
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Sample output 1

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Problem information

Author: PRO1

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