

Recursive sequence of rombes

X15363_en

Try to figure out from the examples what you need to do in this exercise. Make up a solution with a `RECURSIVE` function that prints on the output on the go. It is allowed for the recursive function to have loops inside it, but the solution to the general problem must be `RECURSIVE`.

Input

The input of this exercise has several cases. Each and every one of them consists of just a positive natural in one line.

Output

For each case, a sequence of rombes is drawn on the output, followed by a blank line. Take a look at the examples in order to see what the output needs to be according to the input.

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

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