
Recursive pattern with closure

X59159_en

Deduce from the given examples what has to be done in this problem. Find a solution with a `RECURSIVE` function/procedure, which writes to the output.

Input

The input has several cases. Each case consists of a positive natural number in one line.

Output

For each case, a recursive sequence is drawn on the output, followed by a blank line. Pay attention to the examples to deduce what the output has to be for each input.

Sample input 1

1
2
3
4
5

Sample output 1

```
*  
  
**  
*  
*  
*  
**  
  
***  
**  
*  
*  
*  
**  
**  
*  
*  
*  
**  
**  
*  
*  
*  
**  
***  
  
****  
***  
**  
*  
*  
*  
**  
**  
*  
*  
*  
**  
**
```


*
**
**
*
*
*
**

**
*
*
*
**
**
*
*
*
**
**
*
*
**
**

**
*
*
*
**
**
*
*
*
**
**
*
*

*
**

**
*
*
*
**
**
*
*
*
**
**
*
*
*
**

**
*
*
*
**
**
*
*
*
**

Problem information

Author: PRO1

Generation: 2026-01-25T21:52:51.597Z

© *Jutge.org*, 2006–2026.

<https://jutge.org>