

Pyramid

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Given a number N . Print a pyramid of height N .

Note: Solve this problem using recursion.

Input

Only one line containing a number N ($1 \leq N \leq 10^3$).

Output

Print the pyramid in N lines.

Examples

standard input	standard output
1	*
2	* **
3	* ** ***
4	* ** *** ****

Note

Don't print any extra space after '**'.