

Inverted Pyramid

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

Given a number N . Print an inverted 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.

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

Examples

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