# Pascal Triangle

Input file: standard input
Output file: standard output

Time limit: 1 second Memory limit: 256 megabytes

Given a number N. Print first N rows of **pascal** triangle.

## Input

Only one line contains a number N ( $1 \le N \le 30$ ).

## Output

Print first N rows of **pascal** triangle.

## **Examples**

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

#### Note

For more information visit **pascal triangle**:

https://www.mathsisfun.com/pascals-triangle.html .