

BlueBook - Triangle

Time limit: 1.0s **Memory limit:** 16M

BlueBook

Given an integer N , output the first N rows of Pascal's triangle.

Input Specification

A single integer N ($1 \leq N \leq 20$).

Output Specification

The first N rows of Pascal's triangle, in order from top to bottom. Each row should be printed in a separate line, and the entries in each row should be printed from left to right with exactly one space between each pair of horizontally adjacent entries.

Sample Input

```
3
```

Sample Output

```
1
1 1
1 2 1
```