

Write a function that takes an integer n as input and prints the first n lines of Pascal's triangle.

Pascal's triangle is a triangular array of positive integers constructed in such a way that each integer is the sum of the two numbers above it. The first few rows of Pascal's triangle are as follows:

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
```

The problem seems too easy right?

But, there is a catch. The goal is to write a solution with as little code as possible. A correct submission with a source code of k characters will receive the following score:

$$\text{maxScore} \cdot \exp \left[-\frac{k - 50}{23} \right]$$

- Here, $\exp(x)$ is the [exponential function](#).
- Any correct code longer than 150 characters will receive a score of $0.01 \times \text{maxScore}$.
- maxScore is the maximum score assigned for the problem.
- Note that whitespace is also treated as a character.

Input Format

A single integer n .

Constraints

$$1 \leq n \leq 100$$

Output Format

Given n , print the first n lines of the Pascal triangle.

Sample Input 0

```
5
```

Sample Output 0

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

1 3 3 1
1 4 6 4 1

Sample Input 1

23

Sample Output 1

1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 6 1 0 5 1
1 7 7 1 5 6 1
1 9 4 8 7 1 7 1
2 1 4 3 5 8 8 8 1
2 3 5 7 9 4 7 6 9 1
2 5 9 3 7 4 2 4 6 0 1
2 8 5 3 1 1 6 7 0 6 1 1
3 1 3 8 4 2 8 3 7 6 7 2 1
3 4 5 2 2 7 1 2 1 4 3 9 3 1
3 7 9 7 4 9 8 3 3 5 8 3 2 4 1
4 1 7 7 2 4 8 1 6 9 4 1 5 6 5 1
4 5 9 4 9 7 2 9 8 6 3 5 7 2 1 6 1
5 0 5 4 4 7 0 2 8 4 9 9 2 9 3 7 7 1
5 5 5 9 9 1 7 3 1 3 4 9 2 2 3 1 4 8 1
6 1 1 5 9 0 9 0 4 4 8 4 1 4 5 4 6 2 9 1
6 7 2 7 4 9 9 9 4 9 3 2 5 6 0 0 9 2 0 1
7 4 0 0 2 4 9 9 4 4 2 5 8 1 6 0 1 0 1 2 1 1
8 1 4 0 2 7 4 9 3 8 6 8 3 9 7 6 1 1 1 3 3 2 1

Sample Input 2

73

Sample Output 2

1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 6 1 0 5 1
1 7 7 1 5 6 1
1 9 4 8 7 1 7 1
2 1 4 3 5 8 8 8 1
2 3 5 7 9 4 7 6 9 1
2 5 9 3 7 4 2 4 6 0 1
2 8 5 3 1 1 6 7 0 6 1 1
3 1 3 8 4 2 8 3 7 6 7 2 1
3 4 5 2 2 7 1 2 1 4 3 9 3 1
3 7 9 7 4 9 8 3 3 5 8 3 2 4 1
4 1 7 7 2 4 8 1 6 9 4 1 5 6 5 1
4 5 9 4 9 7 2 9 8 6 3 5 7 2 1 6 1
5 0 5 4 4 7 0 2 8 4 9 9 2 9 3 7 7 1
5 5 5 9 9 1 7 3 1 3 4 9 2 2 3 1 4 8 1
6 1 1 5 9 0 9 0 4 4 8 4 1 4 5 4 6 2 9 1
6 7 2 7 4 9 9 9 4 9 3 2 5 6 0 0 9 2 0 1
7 4 0 0 2 4 9 9 4 4 2 5 8 1 6 0 1 0 1 2 1 1
8 1 4 0 2 7 4 9 3 8 6 8 3 9 7 6 1 1 1 3 3 2 1

8 9 5 4 3 0 2 4 3 2 5 5 2 3 7 3 7 2 2 4 6 5 3 1
9 8 4 9 7 3 2 6 7 5 8 0 7 6 1 1 0 9 4 7 1 1 8 4 1
1 0 8 3 4 7 0 5 9 4 3 3 8 8 3 7 2 2 0 4 1 8 3 0 2 5 1
1 1 9 1 8 1 7 6 5 3 7 7 2 7 2 0 9 4 2 4 6 0 1 3 2 7 6 1
1 3 1 0 9 9 9 4 1 9 1 4 9 9 9 3 0 3 6 7 0 6 1 4 6 0 3 7 1
1 4 4 2 0 9 9 3 6 1 0 6 4 9 9 2 3 4 0 3 7 6 7 6 0 6 4 0 8 1
1 5 8 6 3 0 9 2 9 7 1 7 1 4 9 1 5 7 4 4 1 4 4 3 6 7 0 4 8 9 1
1 7 4 4 9 4 0 2 2 6 8 8 8 6 4 0 7 3 1 8 5 5 8 8 0 3 7 5 3 8 0 1
1 9 1 9 4 3 4 2 4 9 5 7 7 5 0 4 8 0 5 0 4 1 4 6 8 4 1 2 9 1 8 1 1
2 1 1 1 3 7 7 6 7 4 5 3 5 2 5 5 2 8 5 5 4 5 6 1 5 2 5 4 2 0 9 9 2 1
2 3 2 2 5 1 5 4 4 1 9 8 8 7 8 0 8 1 4 1 0 0 1 7 6 7 7 9 6 3 0 9 1 3 1
2 5 5 4 7 6 6 9 8 6 1 8 7 6 5 8 8 9 5 5 1 0 1 9 4 4 5 7 5 9 4 0 0 4 4 1
2 8 1 0 2 4 3 6 8 4 8 0 6 4 2 4 7 8 5 0 6 1 2 1 3 9 0 3 3 5 3 4 0 4 8 5 1
3 0 9 1 2 6 8 0 5 3 2 8 7 0 6 7 2 6 3 5 6 7 3 3 5 2 9 3 6 8 8 7 4 5 3 3 6 1
3 4 0 0 3 9 4 8 5 8 6 1 5 7 7 3 9 8 9 9 2 4 0 6 8 8 2 3 0 5 7 6 1 9 8 6 9 7 1
3 7 4 0 4 3 4 3 4 4 4 7 7 3 5 1 3 8 8 9 1 6 4 7 5 7 0 5 3 6 3 3 8 1 8 5 6 6 8 1
4 1 1 4 4 7 7 7 7 8 9 2 5 0 8 6 5 2 7 8 0 8 1 2 3 2 7 5 8 9 9 7 2 0 0 4 2 3 4 9 1
4 5 2 5 9 2 5 5 5 6 8 1 7 5 9 5 1 8 0 5 8 8 9 3 5 6 0 3 4 8 9 6 9 2 0 4 6 5 8 4 0 1
4 9 7 8 5 1 8 1 1 2 4 9 9 3 5 4 6 9 8 6 4 7 8 2 9 1 6 3 8 3 8 6 6 1 2 5 1 2 4 2 4 1 1
5 4 7 6 3 6 9 9 2 3 7 4 9 2 9 0 1 6 8 5 1 2 6 1 2 0 8 0 2 2 2 5 2 7 3 7 6 3 6 6 6 5 2 1
6 0 2 4 0 0 6 9 1 6 1 2 4 2 1 9 1 8 5 3 6 3 8 7 3 2 8 8 2 4 4 7 8 0 1 1 4 0 0 3 3 1 7 3 1
6 6 2 6 4 0 7 6 0 7 7 3 6 6 4 1 1 0 3 9 0 0 2 6 0 6 1 7 0 6 9 2 5 8 1 2 5 4 0 3 6 4 9 0 4 1
7 2 8 9 0 4 8 3 6 8 5 1 0 3 0 5 2 1 4 2 9 0 2 8 6 6 7 8 7 7 6 1 8 3 9 3 7 9 4 4 0 1 3 9 4 5 1
8 0 1 7 9 5 3 2 0 5 3 6 1 3 3 5 7 3 5 7 1 9 3 1 5 3 4 6 6 5 3 8 0 2 3 3 1 7 3 8 4 1 5 3 3 9 6 1
8 8 1 9 7 4 8 5 2 5 8 9 7 4 6 9 3 0 9 2 9 1 2 4 6 8 8 1 3 1 9 1 8 2 5 6 4 9 1 2 2 5 6 8 7 3 5 7 1
9 7 0 1 7 2 3 3 7 8 4 8 7 2 1 6 2 4 0 2 2 0 3 7 1 5 6 9 4 5 1 1 0 0 8 2 1 4 0 3 4 8 2 5 6 0 9 2 8 1
1 0 6 7 1 8 9 5 7 1 6 3 3 5 9 3 7 8 6 4 2 2 4 2 4 0 8 7 2 6 3 9 6 2 1 0 9 0 3 5 4 3 8 3 0 8 1 7 0 2 0 9 1
1 1 7 3 9 0 8 5 2 8 7 9 6 9 5 3 1 6 5 0 6 6 6 6 4 9 5 9 9 0 3 5 8 3 1 9 9 3 8 9 8 2 1 3 8 9 8 7 2 3 0 0 1
1 2 9 1 2 9 9 3 8 1 6 7 6 6 4 8 4 8 1 5 7 3 3 3 1 4 5 5 8 9 3 9 4 1 5 1 9 3 2 8 8 0 3 5 2 8 8 5 9 5 3 0 1 1
1 4 2 0 4 2 9 3 1 9 8 4 4 3 1 3 3 2 9 7 3 0 6 6 4 6 0 1 4 8 3 3 3 5 6 7 1 2 6 1 6 8 3 8 8 1 7 4 5 4 8 3 1 2 1
1 5 6 2 4 7 2 2 5 1 8 2 8 7 4 4 6 6 2 7 0 3 7 3 1 0 6 1 6 3 1 6 6 9 2 3 8 3 8 7 8 5 2 2 6 9 9 2 0 0 3 1 4 3 3
1
1 7 1 8 7 1 9 4 7 7 0 1 1 6 1 9 1 2 8 9 7 4 1 0 4 1 6 7 7 9 4 8 3 6 1 6 2 2 2 6 6 3 7 4 9 6 9 1 2 0 3 4 5 7 6
4 1
1 8 9 0 5 9 1 4 2 4 7 1 2 7 8 1 0 4 1 8 7 1 5 1 4 5 8 4 5 7 4 3 1 9 7 7 8 4 4 9 3 0 1 2 4 6 6 0 3 2 3 8 0 3 4
0 5 1
2 0 7 9 6 5 0 5 6 7 1 8 4 0 5 9 1 4 6 0 5 8 6 6 6 0 4 3 0 3 1 7 5 1 7 5 6 2 9 4 2 3 1 3 7 1 2 6 3 5 6 1 8 3 7
4 5 6 1
2 2 8 7 6 1 5 6 2 3 9 0 2 4 6 5 0 6 0 6 6 4 5 3 2 6 4 7 3 3 4 9 2 6 9 3 1 9 2 3 6 5 4 5 0 8 3 8 9 9 1 8 0 2 1
2 0 1 7 1
2 5 1 6 3 7 7 1 8 6 2 9 2 7 1 1 5 6 6 7 3 0 9 8 5 9 1 2 0 6 8 4 1 9 6 2 5 1 1 6 0 1 9 9 5 9 2 2 8 9 0 9 8 2 3
3 2 1 8 8 1
2 7 6 8 0 1 4 9 0 4 9 2 1 9 8 2 7 2 3 4 0 4 0 8 4 5 0 3 2 7 5 2 6 1 5 8 7 6 2 7 6 2 1 9 5 5 1 5 1 8 0 0 8 0 5
6 5 4 0 6 9 1
3 0 4 4 8 1 6 3 9 5 4 1 4 1 8 0 9 9 5 7 4 4 4 9 2 9 5 3 6 0 2 7 8 7 7 4 6 3 9 0 3 8 4 1 5 0 6 6 6 9 8 0 8 8 6
2 1 9 4 7 6 0 1
3 3 4 9 2 9 8 0 3 4 9 5 5 5 9 9 0 9 5 3 1 8 9 4 2 2 4 8 9 6 3 0 6 6 5 2 1 0 2 9 4 2 2 5 6 5 7 3 3 6 7 8 9 7 4
8 4 1 4 2 3 6 1 1
3 6 8 4 2 2 7 8 3 8 4 5 1 1 5 9 0 0 4 8 5 0 8 3 6 4 7 3 8 5 9 3 7 3 1 7 3 1 3 2 3 6 4 8 2 2 3 0 7 0 4 6 8 7 2
3 2 5 5 6 5 9 7 2 1
4 0 5 2 6 5 0 6 2 2 2 9 6 2 7 4 9 0 5 3 3 5 9 2 0 1 2 1 2 4 5 3 1 0 4 9 0 4 4 5 6 0 1 3 0 4 5 3 7 7 5 1 5 5 9
5 5 8 1 2 2 5 6 9 3 1
4 4 5 7 9 1 5 6 8 4 5 2 5 9 0 2 3 9 5 8 6 9 5 1 2 1 3 3 3 6 9 8 4 1 5 3 9 4 9 0 1 6 1 4 3 4 9 9 1 5 2 6 7 1 5
5 1 3 9 3 4 8 2 6 2 4 1
4 9 0 3 7 0 7 2 5 2 9 7 8 4 9 2 6 3 5 4 5 6 4 6 3 3 4 6 7 0 6 8 2 5 6 9 3 4 3 9 1 7 7 5 7 8 4 9 0 6 7 9 3 8 7
0 6 5 3 2 8 3 0 8 8 6 5 1
5 3 9 4 0 7 7 9 7 8 2 7 6 3 4 1 8 9 9 0 0 2 1 0 9 6 8 1 3 7 7 5 0 8 2 6 2 7 8 3 0 9 5 3 3 6 3 3 9 7 4 7 3 2 5
7 7 1 8 6 1 1 3 9 7 5 1 6 1
5 9 3 3 4 8 5 7 7 6 1 0 3 9 7 6 0 8 8 9 0 2 3 2 0 6 4 9 5 1 5 2 5 9 0 8 9 0 6 1 4 0 4 8 6 9 9 7 3 7 2 2 0 5 8
3 4 9 0 4 7 2 5 3 7 2 6 7 7 1
6 5 2 6 8 3 4 3 5 3 7 1 4 3 7 3 6 9 7 7 9 2 5 5 2 7 1 4 4 6 6 7 8 4 9 9 7 9 6 7 5 4 5 3 5 6 9 7 1 0 9 4 2 6 4
1 8 3 9 5 1 9 7 9 0 9 9 4 4 8 1
7 1 7 9 5 1 7 7 8 9 0 8 5 8 1 1 0 6 7 5 7 1 8 0 7 9 8 5 9 1 3 4 6 3 4 9 7 7 6 4 2 9 9 8 9 2 6 6 8 2 0 3 6 9 0
6 0 2 3 4 7 1 7 7 0 0 9 3 9 2 9 1
7 8 9 7 4 6 9 5 6 7 9 9 4 3 9 2 1 7 4 3 2 8 9 8 8 7 8 4 5 0 4 8 0 9 8 4 7 5 4 0 7 2 9 8 8 1 9 3 5 0 2 4 0 5 9
6 6 2 5 8 1 8 9 4 7 1 0 3 3 2 2 0 1
8 6 8 7 2 1 6 5 2 4 7 9 3 8 3 1 3 9 1 7 6 1 8 8 7 6 6 2 9 5 5 2 9 0 8 3 2 2 9 4 8 0 2 8 7 0 1 2 8 5 2 6 4 6 5
6 2 8 8 4 0 0 8 4 1 8 1 3 6 5 4 2 1 1

9 5 5 5 9 3 8 1 7 7 2 7 3 2 1 4 5 3 0 9 3 8 0 7 6 4 2 9 2 5 0 8 1 9 9 1 5 5 2 4 2 8 3 1 5 7 1 4 1 3 7 9 1 1 2
1 9 1 7 2 4 0 9 2 5 9 9 5 0 1 9 6 3 2 1