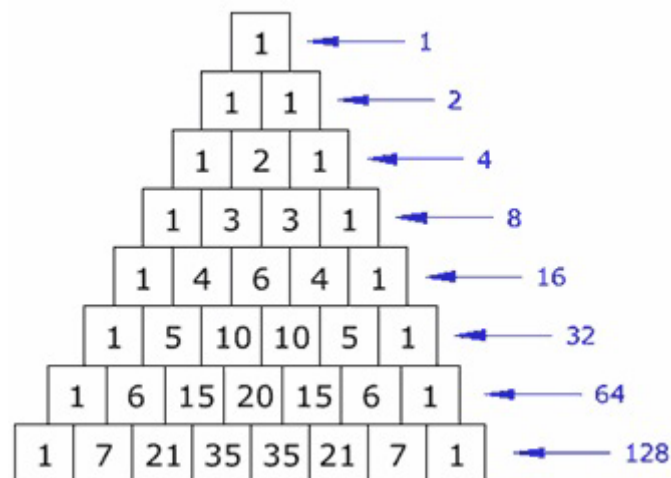




## Khayyam Triangle

- Time limit: 2 seconds
- Memory limit: 256 MB

The triangle shown below is known as the Khayam-Pascal triangle. Each member of this triangle is equal to the sum of its two upper members in the top row; For example, in the fourth row, the number 3 is obtained from the sum of the numbers 1 and 2 in the upper row. For example, in the fourth row, the number 3 is obtained from the sum of the numbers 1 and 2 in the upper row.



Write a program that takes an integer from the input and forms the Khayyam triangle up to that line.



### Questions

25

Warm hand - reverse printing

25

Warm hand - Snap in Shakrestan

50

Just cross the zeros and ones

100

All the way back

150

The segregation

100

**Khayyam Triangle**

150

Bubble Sort

150

Enclosed area

All submissions

Final submissions

Scoreboard

## Input

In a number line, it will be given to you.

$$1 \leq n \leq 10$$

## Output

Print the Khayyam triangle as in the sample output.

## Example

### Sample input

6

### Sample output

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
```

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