10. Column-wise Matrix Fill

Condition:

Write a program that, given an input number $0 < N < 10$, prints a square matrix filled with the numbers from 1 to N^2, arranged sequentially in columns.

Input:

- On one line enters the number N.

Output:

- The square matrix is output with one space between the numbers and a new line after its end .

Examples:

Input	Output
5	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
2	1 2 3 4
4	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16