

1 - FizzBuzzPop

Count from 1 to 100.

However, for multiples of 3, replace the number with Fizz. Replace multiples of 5 with Buzz, and replace multiples of 7 with Pop.

If the number is a multiple of more than one of these numbers, then output both words.

For example if it was from 1 to 10:

1 2 Fizz 4 Buzz Fizz Pop 8 FizzBuzz

Output the result as a string with spaces in between each element of the sequence

2 - Pythagorean primitive triples

Given 3 integers, determine whether or not the 3 integers are a pythagorean triple. A pythagorean triple is a set of 3 numbers in which all of the elements are co-prime (has a highest common factor of 1).

The input is on a single line, with each integer separated by a space.
Output a single integer, 0 if it's not a pythagorean triple and 1 if it is.

For example:

Input:

>2 3 5

Output:

>1

3 - Snail

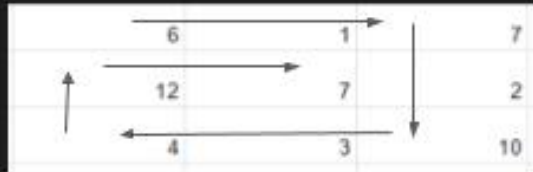
Given an a N x N array of integers, iterate through it in a snail like pattern, and output a 1D array.

For example:

Input:

>[[6,1,7], [12, 7, 2], [4, 3, 10]]

So:



Output:

>[6,1,7,2,10,3,4,12,7]