**Programming - Python for Beginners - Pattern Problems - Day 1**

**Source: Techgig**

You need to take an integer input and then draw the pattern according to it. Say for example if you enter 5 then, the pattern should be like this-  
5 5 5 5 5 5 5 5 5  
   4 4 4 4 4 4 4  
      3 3 3 3 3  
         2 2 2  
            1 

**Input Format**

You will take an integer input n from stdin.

**Constraints**

1 <= n <= 1000

**Output Format**

Your output should be the pattern according to the input which you had entered. 

Sample TestCase 1

Input

5

Output

5 5 5 5 5 5 5 5 5

  4 4 4 4 4 4 4

    3 3 3 3 3

      2 2 2

        1

**SOLUTION:**

# Function to print inverse triangle with nos

def InverseTriangle(N):

#Variable to Spaces

SpaceInd=0

for rows in range(N,0,-1):

#Print Space from second row

if(SpaceInd>0):

print(" "\*SpaceInd, end='')

SpaceInd+=1

#Print the numbers

for cols in range(rows\*2-1):

print(rows, end='')

#Move to next line

print()

# Number of rows, N is the input

N = 5

InverseTriangle(N)