Staircase detail

This is a staircase of size $n = 4$:

```
   #
  ##
 ###
####
```

Its base and height are both equal to n. It is drawn using `#` symbols and spaces. The last line is not preceded by any spaces.

Write a program that prints a staircase of size n.

Function Description

Complete the staircase function in the editor below.

staircase has the following parameter(s):

- int n: an integer

Print

Print a staircase as described above.

Input Format

A single integer, n, denoting the size of the staircase.

Constraints

$0 < n \leq 100$.

Sample Input

```
6
```

Sample Output

```
     #
    ##
   ###
  ####
 #####
######
```

Explanation

The staircase is right-aligned, composed of `#` symbols and spaces, and has a height and width of $n = 6$.

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'staircase' function below.
#
# The function accepts INTEGER n as parameter.
#

def staircase(n):
    # Write your code here
    for i in range(1,n+1):
        space = " "*(n-1)
        hashs= "#"*i
        print(space+hashs)
        n -= 1
```

```
if __name__ == '__main__':
    n = int(input().strip())

    staircase(n)
```