

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)  
        hashes= "#"*i  
        print(space+hashes)  
        n -= 1
```

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



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44%

61/100

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✓ Test case 0

✓ **Test case 1**

✓ Test case 2

✓ Test case 3

✓ Test case 4

✓ Test case 5

✓ Test case 6

Success

Input (stdin)

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1	6
---	---

Expected Output

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1	#
2	##
3	###
4	####
5	#####
6	#####