



Staircase ☆

24 more points to get your next star!

Rank: 608332 | Points: 76/100

**Your Staircase submission got 10.00 points.**[Share](#)[Tweet](#)

You are now 24 points away from the 2nd star for your problem solving badge.

[Try the next challenge](#) | [Try a Random Challenge](#)

Problem

Submissions

Leaderboard

Editorial

Consider a staircase of size $n = 4$:

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

Observe that its base and height are both equal to n , and the image 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. It should print a staircase as described above.

`staircase` has the following parameter(s):

- n : an integer

Input Format

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

Constraints

$0 < n \leq 100$.

Output Format

Print a staircase of size n using `#` symbols and spaces.

Note: The last line must have `0` spaces in it.

Sample Input

```
6
```

Sample Output

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



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

Explanation

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

Python 3



```
1  #!/bin/python3
2
3  import math
4  import os
5  import random
6  import re
7  import sys
8
9  # Complete the staircase function below.
10 def staircase(n):
11     [print(' '*(n-i) + '#'*i) for i in range(1,n+1)]
12
13 if __name__ == '__main__':
14     n = int(input())
15
16     staircase(n)
17
```

Line: 11 Col: 53

[Upload Code as File](#)

Test against custom input

Run Code

Submit Code

[Share your code as a snippet.](#)

You have earned 10.00 points!

You are now 24 points away from the 2nd star for your problem solving badge.

66%

76/100



Congratulations

You solved this challenge. Would you like to challenge your friends?



Next Challenge

Test case 0

Test case 1 Test case 2 Test case 3 Test case 4 Test case 5 Test case 6 Test case 7 Test case 8 

Hidden Test Case

Unlock this testcase for 5 hackos.

Unlock

[Contest Calendar](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)