Staircase

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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 with the following parameter(s):

- ***int n***: an integer

Print

Print a staircase as described above. No value should be returned.

Note: The last line is not preceded by spaces. All lines are right-aligned.

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 $n = 6$.

Change Theme Language Python 3

```python
#!/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):
        print(' ' * (n - i) + '#' * i)

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

    staircase(n)

```

EMACS Line: 24 Col: 1

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2% 483.8/850

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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

Compiler Message

Success

Hidden Test Case

Unlock this testcase for 5 hackos.

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