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## Staircase ☆

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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  $n = 6$ .

Author

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Difficulty

Easy

Max Score

10

Submitted By

781097

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```
1 import java.io.*;
2 import java.math.*;
3 import java.security.*;
4 import java.text.*;
5 import java.util.*;
```

