



## Staircase ☆

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## Problem

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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

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java 8



```
1  import java.io.*;
2  import java.math.*;
3  import java.security.*;
4  import java.text.*;
5  import java.util.*;
6  import java.util.concurrent.*;
7  import java.util.regex.*;
8
9  public class Solution {
10
11      // Complete the staircase function below.
12      static void staircase(int n) {
13
14
```

```
15     }
16
17     private static final Scanner scanner = new Scanner(System.in);
18
19     public static void main(String[] args) {
20         int n = scanner.nextInt();
21         scanner.skip("(\\r\\n|[\\n\\r\\u2028\\u2029\\u0085])?");
22
23         staircase(n);
```

Line: 4 Col: 1

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