



Staircase ☆

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Problem

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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 $n = 6$.

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Java 8



Terms

```
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);
24
25          scanner.close();
26      }
27  }
28
```

Line: 12 Col: 26

[↑ Upload Code as File](#)☐ Test against custom input

Run Code

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