

[Practice](#)[Compete](#)[Jobs](#)[Rank](#)[Leaderboard](#)[Dashboard](#) > [Algorithms](#) > [Warmup](#) > [Staircase](#)Badge Progress [\(Details\)](#)

Points: 397 Rank: 104649

# Staircase

 by [vatsalchanana](#)[Problem](#)[Submissions](#)[Leaderboard](#)[Discussions](#)[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  $n$ .

## Input Format

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

## 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  $n = 6$ .

[f](#) [t](#) [in](#)Submissions: [317266](#)

Max Score: 10

Difficulty: Easy

Rate This Challenge:

[More](#)Current Buffer (saved locally, editable)  Java 7 

```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         Scanner in = new Scanner(System.in);
11         int n = in.nextInt();
12     }
13 }
14
```

Line: 1 Col: 1

[Upload Code as File](#)☐

Test against custom input

Run Code

Submit Code

Join us on IRC at [#hackerrank](#) on freenode for hugs or bugs.

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