

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 in the editor below.

staircase has the following parameter(s):

- int n : an integer

Print

Print a staircase as described above.

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 $n = 6$.