

# Problem G. Staircase

OS Linux

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  $n = 6$ .