

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 $n = 6$.