

## 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  $n = 6$ .