

## 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 with the following parameter(s):

- *int n*: an integer

### Print

Print a staircase as described above. No value should be returned.  
**Note:** The last line is not preceded by spaces. All lines are right-aligned.

### Input Format

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

### Constraints

$$0 < n \leq 100 .$$

### Sample Input

```
6
```

### Sample Output

```
#
 ##
 ###
####
#####
#####
```

### Explanation

The staircase is right-aligned, composed of `#` symbols and spaces, and has a height and width of  $n = 6$ .

