

# Staircase

Consider a staircase of size  $n = 4$ :

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

Observe that its base and height are both equal to  $n$ , and the image is drawn using `#` symbols and spaces. *The last line is not preceded by any spaces.*

Write a program that prints a staircase of size  $n$ .

### Input Format

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

### 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  $n = 6$ .