

# Staircase



Your teacher has given you the task of drawing a staircase structure. Being an expert programmer, you decided to make a program to draw it for you instead. Given the required height, can you print a staircase as shown in the example?

## Input

You are given an integer  $N$  depicting the height of the staircase.

## Output

Print a staircase of height  $N$  that consists of `#` symbols and spaces. For example for  $N = 6$ , here's a staircase of that height:

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

**Note:** The last line has 0 spaces before it.