

Problem Statement

Your teacher has given you the task to draw the structure of a staircase. Being an expert programmer, you decided to make a program for the same. You are given the height of the staircase. You need to print a staircase as shown in the example.

Input Format

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

Constraints

$$1 \leq N \leq 100$$

Output Format

Draw a staircase of height N in the format given below.

For example:

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

Staircase of height 6, note that last line has 0 spaces before it.

Sample Input

```
6
```

Sample Output

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