

Staircase detail

This is a staircase of size :

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

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 n spaces in it.

Sample Input

6

Sample Output

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