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Staircase ☆

Problem

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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 $n = 6$.

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Max Score 10

Submitted By [425065](#)

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C++



```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5 // Complete the staircase function below.
6 void staircase(int n) {
7
8
9 }
10
```

```
11  int main()
12  {
13      int n;
14      cin >> n;
15      cin.ignore(numeric_limits<streamsize>::max(), '\n');
16
17      staircase(n);
18
19      return 0;
20  }
21
```

Line: 1 Col: 1

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