Staircase ☆

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Problem Solving

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Staircase detail

This is a staircase of size $n = 4$:

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

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 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 $n = 6$.

Change Theme Java 8

```
public class Solution {

    // Complete the staircase function below.
    static void staircase(int n) {

        String space = "";
        String alm = "#";
        int nspaces = n - 1;
        for (int i = 0; i < n; i++) {
            for (int j = 0; j < nspaces ; j++) {
                space += " ";
            }
            for (int j = 0; j < n - nspaces; j++) {
                space += alm;
            }
            nspaces--;
            System.out.println(space);
            space = "";
        }

    }

    private static final Scanner scanner = new Scanner(System.in);

    public static void main(String[] args) {
        int n = scanner.nextInt();
```

Line: 27 Col: 10

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44% 61/100

Problem Solving

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Test case 0
Test case 1
Test case 2
Test case 3
Test case 4
Test case 5
Test case 6

Compiler Message

Success

Hidden Test Case

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