



# Staircase ☆

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## 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  $n$ .

### Function Description

Complete the staircase function in the editor below. It should print a staircase as described above.

staircase has the following parameter(s):

- $n$ : an integer

### 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  $n = 6$ .

C



```
1  #include<stdio.h>
2  int main()
3  {
4      int m,n,i,j,k=1;
5      scanf("%d",&n);
6      j=n-k;
7      for(m=0;m<n;m++)
8      {
9          j=n-k;
10         for(i=1;i<=j;i++)
11         {
12             printf(" ");
13         }
14         for(i=1;i<=k;i++)
15         {
16             printf("#");
17         }
18         k++;
19         printf("\n");
20     }
21 }
```

Line: 21 Col: 2

[Upload Code as File](#)☐ Test against custom input

Run Code

Submit Code

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44%

61/100



## Congratulations

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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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