- **EASY**
- **Max Score: 30 Points**

Staircase

In this question, you need to write a program that prints a staircase of size N.

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.

Input Format

A single integer, n, denotes the size of the staircase.

Output Format

Print a staircase of size n using # symbols and spaces.

Note: The last line must not have spaces in it.

Example 1

Input

6

Output

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

Explanation

The staircase is right-aligned, composed of # symbols and spaces, and has a height and width of n=6.

You might notice, first line has 5 spaces (n-1) followed by 1 # and the last line has 0 spaces (n-n) and 6 # (n)

Example 2

Input

5

Output

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

Explanation

The staircase is right-aligned, composed of # symbols and spaces, and has a height and width of n=5.

You might notice, first line has 4 spaces (n-1) followed by 1 # and the last line has 0 spaces (n-n) and 5 # (n)

Constraints

```
1 <= n < 100
```

- **Basics**

My code

```java
// in java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
    public static void main (String[] args) throws java.lang.Exception
    {
        //System.out.println("Hello World");
        Scanner s=new Scanner(System.in);
        int n=s.nextInt();
        for(int i=0;i<n;i++)
            {
                for(int j=1;j<n-i;j++)
                    System.out.print(" ");
                for(int j=0;j<=i;j++)
                    System.out.print("#");
                System.out.print("\n");
            }
    }
}
```