

<https://course.acciojob.com/idle?question=ec420e20-fefb-4214-9a5b-b15c4c72d34a>

● EASY

● Max Score: 30 Points

## Pattern Triangle of numbers

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Ninja is given a pattern. Now he is asked to print the same pattern for any given 'N' number of rows.

For example, Pattern for  $N = 4$  will be.

### Input Format

The first line contains a single integer 'N' denoting the number of rows for which pattern needs to be printed.

### Output Format

The output will be 'N' strings denoting the pattern printed for the given 'N' number of rows.

### Example 1

Input

5

Output

Explanation

We print the given pattern for the given 5 rows where each row prints spaces initially for each row decrementing for each consecutive row and printing the values corresponding to each row according to the given pattern.

## Example 2

Input

4

Output

Explanation

We print the given pattern for the given 4 rows where each row prints spaces initially for each row decrementing for each consecutive row and printing the values corresponding to each row according to the given pattern.

## Constraints

$1 \leq N \leq 100$

### Topic Tags

- **Math**

# My code

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

public class Main
{
    public static void main (String[] args) throws
java.lang.Exception
```

```
{
    //your code here
Scanner s=new Scanner(System.in);
int n=s.nextInt();
for(int i=1;i<=n;i++)
{
    for(int t=1;t<=n-i;t++)
        System.out.print(" ");
    System.out.print(i);
    int a=i;
    for(int j=1;j<i;j++)
        System.out.print(++a);
    for(int k=1;k<i;k++)
        System.out.print(--a);
    System.out.print("\n");
}
}
```