- **EASY**

- **Max Score: 30 Points**

Inverted Triangle

Take an input of N from the user and write a program to print an upside down triangle pattern, where the first row has N stars, the next row has N-1, and the Nth row has 1 star (Check the samples for a better understanding).

Your task is to complete the function `generatePattern` which receives `n` as its parameter and prints the mentioned pattern.

Input Format

First line of input contains N, the number of rows for the pattern

Output Format

You need to print the pattern.

Example 1

Input

5

Output:

Explanation:

If n = 5, this is our generated pattern.

Example 2

Input

4

Output:

Explanation:

For n=4, this is our generated pattern.

Constraints

1 <= N <= 100

My code

```
// in 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=0;i<=n;i++)
            {
```

```java
                    for(int j=0;j<n-i;j++)
                        System.out.print(" ");
                    for(int j=0;j<=i;j++)
                        System.out.print("* ");
                    System.out.print("\n");
            }
    */

        for(int i=0;i<n;i++)
            {
                    for(int j=0;j<i;j++)
                        System.out.print(" ");
                    for(int j=0;j<n-i;j++)
                        System.out.print("* ");
                    System.out.print("\n");
            }
        }
}
```