- **EASY**

- **Max Score: 30 Points**

Galaxy of stars

Bob wants to build a star pattern for a given odd number.

The pattern for 'N' = 7 will look like this:

```
*
**
***
****
***
**
*
```

Your task is that for a given odd integer 'N', print the pattern.

Input Format

The first line contains an integer 'N', denoting the number of rows.

Output Format

Print 'N' strings denoting the pattern.

Example 1

Input

3

Output

*

```
**
*
```

Explanation

We need to print a triangle-like pattern wherein each line, the number of stars will be increasing till the central row and then it starts decreasing. So for n=3, till 2nd-row stars increase and then start decreasing.

Example 2

Input

```
5
```

Output

```
*
**
***
**
*
```

Explanation

We need to print a triangle-like pattern wherein each line, the number of stars will be increasing till the central row and then it starts decreasing. So for n=5, till 3rd-row stars increase and then start decreasing.

Constraints

1 <= N <= 99

N is odd.

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
    {
        //your code here
        Scanner s=new Scanner(System.in);
        int n=s.nextInt();
        for(int i=0;i<=n/2;i++)
            {
            for(int j=0;j<=i;j++)
                {
                    System.out.print("*");
                }
                System.out.print("\n");
            }
        for(int i=n/2+1;i<n;i++)
            {
            for(int j=i;j<n;j++)
                {
                    System.out.print("*");
                }
                System.out.print("\n");
            }
    }
```

}