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

Half Filled Hourglass Pattern

Given an integer n, print a half filled hourglass of height and length n. Check the sample test cases for a better understanding.

Input Format

The first line of input contains the integer n.

Output Format

The output should contain a half filled hourglass of height and length n.

Example 1

Input

5

Output:

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

Example 2

Input

Output:

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

Constraints

1 <= n <= 200

n is odd

- **Loops**

My code

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

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

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

}