# Problem 3 – Star

You will be given an integer **N**. Your task is to **draw a star on the console**. The **width** of the star is **(2\*N+1).** The **height** of the star is **(N\*2 - (N/2-1))**. The **top** and the **middle** part **height** is exactly **(N/2)**.The height of the legs is **(N/2+1).** Check the examples below to understand your task better.

## Input

The input data is read from the console. The number **N** stays alone at the first line. The input data will always be valid and in the format described. There is no need to check it explicitly.

## Output

* The output data must be printed on the console.
* You must print at the console a star of size **N** following the formulas above and the examples below.

## Constraints

* **N** will be a number between **6** and **36** and will be **an even number**.
* Allowed working time: 0.2 seconds. Allowed memory: 16 MB.

## Examples

|  |  |  |  |  |  |  |  |
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| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
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