# Problem 3 – Sand Glass

Once upon a time a powerful wizard was born. His name was Gwenogfryn and soon he became a great sorcerer. Kind-hearted he was. He would only use his magic to protect humans from the evil witches that would come at night. Gwenogfryn, however was a pacifist and did not want to fight or hurt the witches, so he came up with another solution. He would catch the witches and throw them into a sand-glass (the only prison a witch cannot escape from). Unfortunately, he is running out of sand-glasses. Help Gwenogfryn catch all witches by making your own sand-glasses.

## Input

* The input data should be read from the console.
* You have an integer number **N** (always **odd number**) showing the height of the sand clock.
* The input data will always be valid and in the format described. There is no need to check it explicitly.

## Output

* The output should be printed on the console.
* You should print the hourglass on the console. Each row can contain only the following characters: “.” (dot) and “\*” (asterisk). As shown in the example: the middle row must contain only one ‘\*’ and all other symbols must be “.”. Every next row (up or down from the middle one) must contain the same number of ‘\*’ as the previous one plus two. You should only use “.” to fill-in the rows, where necessary.

## Constraints

* The number **N** will be a positive integer number between 3 and 101, inclusive.
* Allowed working time for your program: 0.25 seconds.
* Allowed memory: 16 MB.

## Examples

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
| 3 | \*\*\*  .\*.  \*\*\* | 5 | \*\*\*\*\*  .\*\*\*.  ..\*..  .\*\*\*.  \*\*\*\*\* | 7 | \*\*\*\*\*\*\*  .\*\*\*\*\*.  ..\*\*\*..  ...\*...  ..\*\*\*..  .\*\*\*\*\*.  \*\*\*\*\*\*\* |

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