## 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 example** | **Output example** |
| 5 | \*\*\*\*\*  .\*\*\*.  ..\*..  .\*\*\*.  \*\*\*\*\* |
| 7 | \*\*\*\*\*\*\*  .\*\*\*\*\*.  ..\*\*\*..  ...\*...  ..\*\*\*..  .\*\*\*\*\*.  \*\*\*\*\*\*\* |