## Problem 4 - Eggcelent

Dumpty Humpty was **climbing** a tower.

Dumpty Humpty did not have **enough** **power**…

Eh, I can’t rhyme so I will give you the abridged version – Dumpty Humpty was a huge egg with hands and legs and a very **annoying attitude** towards life. One day when he was very bored he decided to climb **Bat’Goiko’s tower** along with his family. But it was very tall and it was very windy on the top – so the wind pushed Dumpty Humpty and every egg in his family, they all **fell to the ground** and all of them cracked **right down the middle**. Your task is to ignore the possibility of a **delicious omelet** and to help the egg family by sewing them together.

You will be given a number **N** which is the size of the egg that you are currently trying to fix.

Each egg’s **height** is **2** times the input (**2 \* N**), the **width** is **3 \* N – 1** and the width of the drawing area is **3 \* N + 1**. The sizes of the **top** and the **bottom** of the egg are **N – 1**.

The cracks are in the middle of the egg. They must be fixed on 2 lines and with the ‘**@**’ and ‘**.**’ characters alternating. The first line must start with a ‘**@**’ and the second ‘**.**’.

### Input

The input data should be read from the console.

You have an integer number **N** - the **size** of the egg.

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.

Use the “**\***” character for the outer shell, the “**@**” character for the cracks and “**.**” (dot) for the rest.

### Constraints

* **N** will always be a **positive even** number between **2** and **26** inclusive.
* Allowed working time for your program: **0.1** seconds.
* Allowed memory: **16 MB**.

|  |  |
| --- | --- |
| **Example input** | **Example output** |
| 4 | .....\*\*\*.....  ...\*.....\*...  .\*.........\*.  .\*@.@.@.@.@\*.  .\*.@.@.@.@.\*.  .\*.........\*.  ...\*.....\*...  .....\*\*\*..... |

### Examples

|  |  |
| --- | --- |
| **Example**  **input** | **Example**  **output** |
| 2 | ...\*...  .\*@.@\*.  .\*.@.\*.  ...\*... |

|  |  |
| --- | --- |
| **Example input** | **Example output** |
| 6 | .......\*\*\*\*\*.......  .....\*.......\*.....  ...\*...........\*...  .\*...............\*.  .\*...............\*.  .\*@.@.@.@.@.@.@.@\*.  .\*.@.@.@.@.@.@.@.\*.  .\*...............\*.  .\*...............\*.  ...\*...........\*...  .....\*.......\*.....  .......\*\*\*\*\*....... |