# Problem 3 – Draw Me a Cat

Kids usually want their parents to draw them all kinds of animals. Bobby loves cats so much. He is such a kid that tortures his father to draw him cats all the time, but Bobby’s father is very a busy guy, and his drawing skills are very poor, too. That’s why he will be grateful if you help him develop a program that draws cats of different sizes.

The cat is represented by **‘\*’** and the space around it is represented by **‘.’**, and the **letter ‘O’ for the nose**.

**See the examples for more clarity.** Go ahead, make Bobby and his father happy.

**Input**

The input should be read from the console. It will consist of a **single line, holding an odd number**.

**Output**

The output should be the cat resized based on the input number.

**Constraints**

* The width will be a valid odd integer, in the range [5 … 31].
* Allowed working time for your program: 0.25 seconds.
* Allowed memory: 16MB.

**Examples**

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