# Problem 3 – Draw Me a Cat

Kids usually want their parents to draw them all kinds of animals. Bobby loved cats so much. He was such a kid that used to torture his father to draw him cats all the time, but Bobby’s father was very busy guy, and also his drawing skills were very poor, so 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 basing 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 ||