# A test of "programming for beginners" – 17 July 2016

## Task 5. Diamond

### To write program , which reading from the console an integer N and draws a diamond, like in the examples below. The diamond has a width – 5 \* n columns and height – 3 \* n + 2 line.

### Login

The input is **read from the console** and contains **only one number**:

###         N-integer in the interval [4. 32].

### Exit

To print **to the console a diamond**, just as in the examples.

### Sample input and output

|  |  |  |  |
| --- | --- | --- | --- |
| **login** | **exit** | **login** | **exit** |
| 4 | ....\*\*\*\*\*\*\*\*\*\*\*\*....  ...\*............\*...  ..\*..............\*..  .\*................\*.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  .\*................\*.  ..\*..............\*..  ...\*............\*...  ....\*..........\*....  .....\*........\*.....  ......\*......\*......  .......\*....\*.......  ........\*..\*........  .........\*\*......... | 7 | .......\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*.......  ......\*.....................\*......  .....\*.......................\*.....  ....\*.........................\*....  ...\*...........................\*...  ..\*.............................\*..  .\*...............................\*.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  .\*...............................\*.  ..\*.............................\*..  ...\*...........................\*...  ....\*.........................\*....  .....\*.......................\*.....  ......\*.....................\*......  .......\*...................\*.......  ........\*.................\*........  .........\*...............\*.........  ..........\*.............\*..........  ...........\*...........\*...........  ............\*.........\*............  .............\*.......\*.............  ..............\*.....\*..............  ...............\*\*\*\*\*............... |

Testing of the solution: [https://judge.softuni.bg/Contests/Compete/Index/233#4](https://www.microsofttranslator.com/bv.aspx?from=bg&to=en&a=https%3A%2F%2Fjudge.softuni.bg%2FContests%2FCompete%2FIndex%2F233%234)