Chessboards X93628_en

Write a program that prints $n \times n$ chessboards using the characters `'.'` (white cells) and `'x'` (black cells). The upper left corner of any chessboard is always a white cell. For instance these are the chessboards for $n = 3$ and $n = 6$, respectively:

```
.x.
x.x
.x.

.x.x.x
x.x.x.
.x.x.x
x.x.x.
.x.x.x
x.x.x.
```

Your program can only include `iostream`, no other library can be used. Your program must not store the input or the chessboard to be printed, and must not define nor use functions or procedures other than those defined in the `iostream` library. Failure to satisfy these requirements will invalidate (final score = 0) your program.
Exam score: 2.5 **Automatic part:** 100%

Input

The input is a sequence of strictly positive integers.

Output

For every positive integer $n > 0$ in the input sequence, write the corresponding $n \times n$ chessboard in the standard output (`cout`). Print a blank line after each chessboard.

Sample input

```
1
2
3
4
5
6
```

Sample output

```
.

.x
x.

.x.
x.x
.x.

.x.x
x.x.
.x.x
x.x.

.x.x.
x.x.x
.x.x.
x.x.x
.x.x.

.x.x.x
x.x.x.
.x.x.x
x.x.x.
.x.x.x
x.x.x.
```

Problem information

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