## Character Patterns (Act 3)

Using two characters: . (dot) and * (asterisk) print a grid-like pattern.

## Input

You are given $t$ - the number of test cases and for each of the test cases two positive integers: /the number of lines and $c$ - the number of columns in the grid. Each square of the grid is of the same size and filled with 4 dots (see the example below).

## Output

For each of the test cases output the requested pattern (please have a look at the example). Use one line break in between successive patterns.

## Example

Input:
3
31
44
25

Output:
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*..*
*..
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*..*
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