

# 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:  $l$  - 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
3 1
4 4
2 5
```

Output:

```
****
* *
..
* *
..
****
* *
..
* *
..
****
* *
..
* *
..
****

*****
* * * * *
.. .. ..
* * * * *
.. .. ..
*****
* * * * *
.. .. ..
* * * * *
.. .. ..
*****
* * * * *
.. .. ..
* * * * *
.. .. ..
*****

*****
* * * * *
.. .. ..
* * * * *
.. .. ..
*****
* * * * *
.. .. ..
* * * * *
.. .. ..
*****
```

\*\*\*\*\*