

Given a rectangular matrix of characters, add a border of asterisks(*) to it.

Example

For

```
picture = ["abc",  
          "ded"]
```

the output should be

```
addBorder(picture) = ["*****",  
                      "*abc*",  
                      "*ded*",  
                      "*****"]
```

Input/Output

- **[execution time limit] 0.5 seconds (cpp)**
- **[input] array.string picture**

A non-empty array of non-empty equal-length strings.

Guaranteed constraints:

$1 \leq \text{picture.length} \leq 100$,
 $1 \leq \text{picture}[i].\text{length} \leq 100$.

- **[output] array.string**
 - The same matrix of characters, framed with a border of asterisks of width 1.