



# Croatian Open Competition in Informatics

Round 5, February 8<sup>th</sup> 2020

## Tasks

Task	Time limit	Memory limit	Score
<b>Emacs</b>	1 second	512 MiB	50
<b>Total</b>			50



## Task Emacs

While playing in his favourite text editor, Daniel decided to draw a picture that was  $N$  characters high and  $M$  characters wide. The picture consists solely of characters '.' and '\*' such that characters '\*' form some non-overlapping rectangles. The rectangles don't even touch each other on their sides or corners.

Help Daniel count the number of rectangles drawn on the picture.

### Input

The first line contains two integers  $N$  and  $M$  ( $1 \leq N, M \leq 100$ ) from task description.

Each of The next  $N$  lines contains  $M$  characters '.' or '\*' which represent the picture that Daniel drew.

### Output

In a single line you should output the number of rectangles on the picture.

### Scoring

In the test cases worth a total of 10 points, all rectangles will consist of a single '\*' character.

In the test cases worth additional 15 points, it will hold  $N = 1$ .

### Examples

input

6 7

\*\*\*....  
\*\*\*.\*\*\*  
.....\*\*  
.\*\*\*.\*\*  
.\*\*\*..  
.\*\*\*..

output

3

input

3 3

\*.\*  
..  
\*.\*

output

4

input

1 10

.\*.\*\*\*.\*\*\*.

output

3