COCI '19 Contest 5 #1 Emacs

Time Limit: 1.0s **Memory Limit:** 512M

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 20% of the points, all rectangles will consist of a single `*` character.

In the test cases worth additional 30% of the points, it will hold $N = 1$.

Sample Input 1

```
6 7
***....
***..**
.....**
.***.**
.***...
.***...
```

Sample Output 1

```
3
```

Sample Input 2

```
3 3
*.*
...
*.*
```

Sample Output 2

```
4
```

Sample Input 3

```
1 10
.*.**.***.
```

Sample Output 3

```
3
```