Adnane & White Spaces

Color : **Cyan**

Time limit per test : **1** seconds

Problem Description

Adnane is a talented painter, he is a seaholic, he loves the sea to the point that all of his paintings are of the color cyan, the color of the clear water of the ocean. But Adnane is kind of sad, his best painting brush is lost, he tried replacing it by a new one, but he couldn't help but notice that it leaves some white spaces behind when painting.

Adnane likes his paintings to be perfect, he needs your help in counting the white spaces in the paper he is using.
A **white space** is surrounded by **painted** spots and is obtained by merging adjacent white spaces in a horizontal or vertical way.
A paper is represented as a matrix of **N** lines and **M** columns, so in total there are **N x M** spots in a single paper. A **painted** spot in the paper will be represented by a **'*' (Asterisk)** while a **white space** in the paper will be represented by a **'0' (Zero)**.

Given **N**, **M** and the paper representation, please help Adnane determine the number of white spaces he should paint again.

Input format

The first line of the input contains **N** and **M**.
The next **N** lines contain **M** characters each — the representation of the paper.

Output format

Output a single positive integer, telling the number of white spaces in the paper that Adnane is painting.

Constraints

- $1 \le N \le 50$
- $1 \le M \le 50$

Sample Input/Output

Input	Output
4 4 00** **00 **0* ***0	3