Matrices of words   P52233_en

Using the declarations

> **typedef** *vector*<**string**> *Row*;
> **typedef** *vector*<*Row*> *Matrix*;

write a function

> **int** *number_of_words*(**const** *Matrix*& *m*, **char** *c*, **int** *k*);

that returns how many words w of the Matrix m have the character c at the position k, that is, fulfil $p[k] = c$ (when $p[k]$ exists). Take into account that the "matrix" m is not necessary rectangular, i.e., some rows may be larger than others.

Precondition

$k \geq 0$

Observation

You only need to submit the required procedure; your main program will be ignored.

Problem information

Author : Salvador Roura
Translator : Carlos Molina
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