
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

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