As an analyst of encryption you want to know the probability of occurrence of a specific character in the given language.

Implement a function that given a text and a character returns the rate of frequency of that character in the text.

Example: distribution("La casa","a") = 0.5

**Input 1 (text)** → string :

source text

**Input 2 (character)** → string :

character of interest

**Output** → float :

frequency

<https://codefights.com/challenge/eMBJvhHcAJYwQF4cw>

MI SOLUCION ACEPTADA

#include <iostream>

#include <stdio.h>

using namespace std;

double distribution(std::string text, std::string character) {

        if(text.length() == 0) return 0;

        double cont = 0, total = 0;

        for(int i = 0; i < text.length(); i++) {

                if(text[i] != ' ') {

                        if(text[i] == character[0]){

                                cont++;

                        }

                        total ++;

                }

        }

    return cont / total;

}

int main() {

        //double res = distribution("me pica aca y","c") ;

        double res = distribution("","c") ;

        printf("%f ", res);

        return 0;

}