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/*
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*/

#include <iostream>
#include <fstream>
#include <string>
#include <math.h>

using namespace std;

ifstream f("factor.in");
ofstream g("factor.out");
string str1, str2;

int calc_dif(char x, char y) {
    return x - y;
}

bool character(char x) {
    return (x >= 'a' && x <= 'z') || (x >= 'A' && x <= 'Z');
}

void elimina(int poz, string &str) {
    string aux = "";
    for (int i = 0; i < poz; i++)
        aux += str[i];
    for (int i = poz + 1; i < str.length(); i++)
        aux += str[i];
    str = aux;
}

void adauga(int poz, string &str, char val) {
    string aux = "";
    for (int i = 0; i <= str.length(); i++) {
        if (i == poz)
            aux += val;
        aux += str[i];
    }
    str = aux;
}

void simplifica() {
    inceput:

    for (int i = 0; i < min(str1.length(), str2.length()); i++) {
        if (str1[i] == str2[i]) {
            // cout<<"EGALE: "<<str1[i]<<" "<<str2[i]<<endl;
            elimina(i, str1);
            elimina(i, str2);
        }
    }
}

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        goto inceput;
    }
}

int calc_lungime(string str) {
    int l = 0;
    for (int i = 0; i < str.length(); i++) {
        if (caracter(str[i]))
            l++;
    }
    return l;
}

void reducere() {
    simplifica();

    //cout<<str1<<" "<<str2<<endl;
    inceput2:
    for (int i = 0; i < min(calc_lungime(str1), calc_lungime(str2)); i++)
    {
        //simplifica();
        //cout<<i<<"-----"<<endl;
        char aux;

        //cout<<"BEFORE: "<<str1<<" "<<str2<<endl;

        aux = str2[i];
        elimina(i, str2);
        if (str1[i] != str2[i]) {
            //cout<<"INTTRA str2: ";

            adauga(i, str2, aux);
            //cout<<aux<<endl;
        } else {
            simplifica();
            goto inceput2;
        }

        //cout<<"AFTER: "<<str1<<" "<<str2<<endl;
        aux = str1[i];
        elimina(i, str1);
        if (str1[i] != str2[i]) {
            // cout<<"INTTRA str1: ";
            adauga(i, str1, aux);
            //cout<<aux<<endl;
        } else {
            simplifica();
            goto inceput2;
        }
    }
    //cout<<str1<<" "<<str2<<endl;
}

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    // cout<<"FINAL: "<<str1<<" "<<str2<<endl;

}

void calc_asf() {
    int asf = 0;
    //cout << str1 << " " << str2 << endl;
    reducere();
    for (int i = 0; i < min(calc_lungime(str1), calc_lungime(str2)); i++)
    {
        if (caracter(str1[i]) && caracter(str2[i])) {
            asf += (str1[i] - str2[i]);
            // cout<<str1[i]<<"-"<<str2[i]<<" = "<<(str1[i]-
str2[i])<<endl;
        }
    }
    //g<<asf<<endl;
    asf += abs(calc_lungime(str1) - calc_lungime(str2));
    cout << asf << endl;
}

int main() {
    for (int i = 0; i < 5; i++) {
        f >> str1 >> str2;
        calc_asf();
    }
    //cout<<calc_dif('l','x');
    return 0;
}

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