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/**
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SCHOOL: NCSC "Grigore Moisil"
GRADE: 11
DIV: INT5
*/
#include <iostream>
#include <cstdio>
#include <cstring>
using namespace std;
char s1[210], s2[210];
int l1, l2, ok;
void first_sad()
{
    for(int i=0; i<l1; i++)
        if(s1[i]==s2[i])
        {
            for(int j=i+1; j<l1; j++)
                s1[j-1]=s1[j];
            for(int j=i+1; j<l2; j++)
                s2[j-1]=s2[j];
            l1--;
            l2--;
            s1[l1]=0;
            s2[l2]=0;
            i--;
            ok=1;
        }
}
void delete_letter_s2(int poz)
{
    for(int i=poz+1; i<l2; i++)
        s2[i-1]=s2[i];
    l2--;
    s2[l2]=0;
}
void delete_letter_s1(int poz)
{
    for(int i=poz+1; i<l1; i++)
        s1[i-1]=s1[i];
    l1--;
    s1[l1]=0;
}
void second()
{
    int ok1=-1, ok2=-1;
    for(int i=0; i<l1 && i<l2; i++)
    {
        if(s1[i]==s2[i+1] && ok2==-1)
            ok2=i;
        if(s2[i]==s1[i+1] && ok1==-1)
            ok1=i;
    }
}

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if(ok2!=-1)
{
    if(ok1==ok2 || ok1>ok2 || ok1==-1)
    {
        delete_letter_s2(ok2);
        ok=1;
    }
    else if(ok1<ok2 && ok1!=-1)
    {
        delete_letter_s1(ok1);
        ok=1;
    }
}
else if(ok1!=-1)
{
    delete_letter_s1(ok1);
    ok=1;
}
}
int solve()
{
    int s=0;
    for(int i=0; i<l1 && i<l2; i++)
        s+=(s1[i]-'A')-(s2[i]-'A');
    if(l2>l1)
        s+=l2-l1;
    else
        s+=l1-l2;
    return s;
}
int main()
{
    freopen("factor.in", "r", stdin);
    for(int acsl=0; acsl<5; acsl++)
    {
        scanf("%s %s\n", s1, s2);
        l1=strlen(s1);
        l2=strlen(s2);
        do
        {
            ok=0;
            first_sad();
            second();
        }while(ok!=0);
        printf("%d\n", solve());
    }
    return 0;
}

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