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///Matei Staicu
#include <bits/stdc++.h>

using namespace std;
ifstream fin("input.txt");
ofstream fout("output.txt");

int i,j,mn,la,lb,five = 5;
bool ok,kk;
string a,b;

bool verif()
{
    mn = min(la,lb);
    for(i = 0; i < mn; ++ i)
        if(a[i] == b[i])
            return 1;
    i = la - 1;
    j = lb - 1;
    while(mn --)
    {
        if(a[i] == b[j])
            return 1;
        -- i;
        -- j;
    }
    return 0;
}

void op1()
{
    for(i = 0; i < la - 1; ++ i)
        if(a[i] == a[i + 1] && !(a[i] == 'A' || a[i] == 'E' || a[i] == 'I' ||
a[i] == 'O' || a[i] == 'U'))
            {
                a.erase(i, 1);
                -- la;
            }
    for(i = 0; i < lb - 1; ++ i)
        if(b[i] == b[i + 1] && !(b[i] == 'A' || b[i] == 'E' || b[i] == 'I' ||
b[i] == 'O' || b[i] == 'U'))
            {
                b.erase(i, 1);
                -- lb;
            }
}

void op2()
{
    for(i = 1; i < la; ++ i)
        if(a[i] == 'A' || a[i] == 'E' || a[i] == 'I' || a[i] == 'O' || a[i] ==
'U')
            {
                a.erase(i, 1);
                -- la;
                -- i;
            }
    for(i = 1; i < lb; ++ i)
        if(b[i] == 'A' || b[i] == 'E' || b[i] == 'I' || b[i] == 'O' || b[i] ==
'U')
            {
                b.erase(i, 1);
                -- lb;
                -- i;
            }
}

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}
void op3()
{
    mn = min(la,lb);
    for(i = 0; i < mn; ++ i)
        if(a[i] == b[i])
            {
                a.erase(i, 1);
                b.erase(i, 1);
                -- i;
                -- la, -- lb, -- mn;
            }
}
void op4()
{
    reverse(a.begin(), a.end());
    reverse(b.begin(), b.end());
    mn = min(la,lb);
    for(i = 0; i < mn; ++ i)
        if(a[i] == b[i])
            {
                a.erase(i, 1);
                b.erase(i, 1);
                -- i;
                -- la, -- lb, -- mn;
            }
    reverse(a.begin(), a.end());
    reverse(b.begin(), b.end());
}
int main()
{
    while(five --)
    {
        fin >> a >> b;
        la = a.length();
        lb = b.length();
        kk = 0;
        while(verif())
        {
            op1();
            if(!kk)
            {
                op2();
                kk = 1;
            }
            op3();
            op4();
        }
        if(la < lb)
            fout << a;
        if(lb < la)
            fout << b;
        if(la == lb)
        {
            if(a < b)
                fout << a;
            if(b < a)
                fout << b;
        }
        fout << '\n';
    }
}

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