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///David Petcu
#include <bits/stdc++.h>
using namespace std;
ifstream fin("input.txt");
ofstream fout("output.txt");
const string vowels("AEIOU");
string smin(string s1,string s2)
{
    for(int i=0; i<s1.size(); i++)
        if(s1[i]>s2[i])return s2;
        else if(s2[i]>s1[i])return s1;
    return s1;
}
string rmv1(string s)//cons
{
    string a;
    a+=s[0];
    for(int i=1; i<s.size(); i++)
        if(s[i]!=s[i-1])
            a+=s[i];
    return a;
}
bool match1(string s1,string s2)
{
    for(int i=0; i<min(s1.size(),s2.size()); i++)
        if(s1[i]==s2[i])return 1;
    return 0;
}
bool match2(string s1,string s2)
{
    int len1=s1.size()-1,len2=s2.size()-1;
    int r=min(len1,len2)+1;
    while(r--)
        if(s1[len1]==s2[len2])
            return 1;
        else len1--,len2--;
}
string rmv2(string s)//vowels
{
    string a;
    a+=s[0];
    for(int i=1; i<s.size(); i++)
        if(!strchr(vowels.c_str(),s[i]))
            a+=s[i];
    return a;
}
pair<string,string>rmv3(pair<string,string>p)
{
    string s1=p.first,s2=p.second;
    if(s1.size()<s2.size())
        swap(s1,s2);
    string a,b;
    for(int i=0; i<s1.size(); i++)
        if(i>=s2.size())a+=s1[i];
        else if(s1[i]==s2[i])
            continue;
        else a+=s1[i],b+=s2[i];
    reverse(a.begin(),a.end());
    reverse(b.begin(),b.end());
    string t1,t2;
    if(t1.size()<t2.size())

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        swap(t1,t2);
    for(int i=0; i<a.size(); i++)
        if(i>=b.size())t1+=a[i];
        else if(a[i]==b[i])
            continue;
        else t1+=a[i],t2+=b[i];
    reverse(t1.begin(),t1.end());
    reverse(t2.begin(),t2.end());
    p.first=t1;
    p.second=t2;
    return p;
}
int main()
{
    int yy=5;
    while(yy--)
    {
        string s1,s2;
        fin>>s1>>s2;
        while(true)
        {
            if(!match1(s1,s2)&&!match2(s1,s2))
                break;
            s1=rmv1(s1);
            s2=rmv1(s2);
            s1=rmv2(s1);
            s2=rmv2(s2);
            pair<string,string>p=make_pair(s1,s2);
            p=rmv3(p);
            s1=p.first;
            s2=p.second;
        }
        if(s1.size()<s2.size())
            fout<<s1<<'\n';
        else if(s1.size()>s2.size())
            fout<<s2<<'\n';
        else
            fout<<smin(s1,s2)<<'\n';
    }
    return 0;
}

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