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#include <iostream>
#include <cstring>
#include <fstream>
using namespace std;
int main()
{
    int n1, n2, i, mini, j, k;
    char s1[81], s2[81], s[182], *p;
    ifstream f("date.in");
    ofstream g("date.out");
    for(k=1;k<=5;k++){
        f.getline(s, 182);
        p=strtok(s, " ");
        strcpy(s1,p);
        p=strtok(NULL, " ");
        strcpy(s2, p);
        n1=strlen(s1);
        n2=strlen(s2);
        for(i=1;i<strlen(s1);i++)
        {
            if(!(strchr("AEIOU",s1[i]))&& s1[i]==s1[i+1])
                {strcpy(s1+i, s1+i+1);i--;}
        }
        for(i=1;i<strlen(s2);i++)
        {
            if(!(strchr("AEIOU",s2[i]))&& s2[i]==s2[i+1])
                {strcpy(s2+i, s2+i+1);i--;}
        }
        n1=strlen(s1);
        n2=strlen(s2);
        i=1;
        while(i<n1)
        {
            if(strchr("AEIOU",s1[i]))
                {strcpy(s1+i, s1+i+1);
                n1--;}
            else
                i++;
        }
        i=1;
        while(i<n2)
        {
            if(strchr("AEIOU",s2[i]))
                {strcpy(s2+i, s2+i+1);
                n2--;}
            else
                i++;
        }
        n1=strlen(s1);
        n2=strlen(s2);
        if(n1<n2)
            mini=n1;
        else
            mini=n2;
    }
}

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i=0;
j=0;
while(i<=mini&&j<=mini)
{
    if(s1[i]==s2[j])
        {strcpy(s1+i, s1+i+1);
        strcpy(s2+j, s2+j+1);
        mini--;
        }
    else
        {i++;
        j++;
        }
}
i=0;
n1=strlen(s1);
n2=strlen(s2);
while(i<=n1&&i<=n2)
{
    if(s1[n1-i-1]==s2[n2-i-1])
        {
            strcpy(s1+n1-i-1,s1+n1-i);
            strcpy(s2+n2-i-1,s2+n2-i);
            n1--;
            n2--;
        }
    else
        i++;
}
if(n1<n2)
    g<<s1;
else
    if(n2<n1)
        g<<s2;
    else
        if(strcmp(s1,s2)<0)
            g<<s1;
        else
            g<<s2;
g<<endl;}
}

```