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#include <iostream>
#include <cstring>

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using namespace std;
char n[81],m[81],a[81],b[81],c[81],d[81],e[81],f[81],g[81],h[81];
int i,j,l;
int main()
{
    for (l=1;l<=5;l++)
    {
        cin>>n>>m;
        for (i=0;i<strlen(n)-1;i++)
            if (strchr("AEIOU",n[i])==0 and n[i]==n[i+1])
            {
                strcpy(a,n+i+2);
                strcpy(n+i+1,a);
                i--;
            }
        for (i=1;i<strlen(n);i++)
            if (strchr("AEIOU",n[i]))
            {
                strcpy(c,n+i+1);
                strcpy(n+i,c);
                i--;
            }
        for (i=0;i<strlen(m)-1;i++)
            if (strchr("AEIOU",m[i])==0 and m[i]==m[i+1])
            {
                strcpy(b,m+i+2);

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        strcpy(m+i+1,b);
        i--;
    }
for (i=1;i<strlen(m);i++)
    if (strchr("AEIOU",m[i]))
    {
        strcpy(d,m+i+1);
        strcpy(m+i,d);
        i--;
    }
i=0;j=0;
while (i<strlen(n) and j<strlen(m))
    {
        if (n[i]==m[j])
        {
            strcpy(e,n+i+1);
            strcpy(n+i,e);
            strcpy(f,m+j+1);
            strcpy(m+j,f);
            i--;
            j--;
        }
        i++;
        j++;
    }
i=strlen(n)-1;j=strlen(m)-1;
while (i>=0 and j>=0)
    {
        if (n[i]==m[j])

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{
    strcpy(g,n+i+1);
    strcpy(n+i,g);
    strcpy(h,m+j+1);
    strcpy(m+j,h);
}
i--;
j--;
}
if (strlen(n)<strlen(m))
    cout<<n;
else
if (strlen(m)<strlen(n))
    cout<<m;
else
{
    if (strcmp(n,m)<0)
        cout<<n;
    else
        cout<<m;
}
cout<<"\n";
}
}
```