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#include <iostream>
#include <cstring>

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using namespace std;

long long i,j,l;
char a[256],s[256],b[256];

int main()
{
    for(j=1;j<=5;j++){
        cin>>a;
        cin>>b;
        cin.get();
        for(i=1;i<strlen(a);i++){
            if(a[i-1]==a[i]){
                strcpy(s,a+i+1);
                strcpy(a+i,s);
            }
        }
        for(i=1;i<strlen(b);i++){
            if(b[i-1]==b[i]){
                strcpy(s,b+i+1);
                strcpy(b+i,s);
            }
        }
        for(i=1;i<strlen(a);i++){
            if(strchr("AEIOU",a[i])){
                strcpy(s,a+i+1);
                strcpy(a+i,s);
                i--;
            }
        }
    }
}

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    }
}
for(i=1;i<strlen(b);i++){
    if(strchr("AEIOU",b[i])){
        strcpy(s,b+i+1);
        strcpy(b+i,s);
        i--;
    }
}
i=0;
l=0;
while(i<strlen(a)&&l<strlen(b)){
    if(a[i]==b[l]){
        strcpy(s,a+i+1);
        strcpy(a+i,s);
        strcpy(s,b+l+1);
        strcpy(b+l,s);
        i--;
        l--;
    }
    i++;
    l++;
}
i=strlen(a)-1;
l=strlen(b)-1;
while(i>=0&&l>=0){
    if(a[i]==b[l]){
        strcpy(s,a+i+1);
        strcpy(a+i,s);

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        strcpy(s,b+l+1);
        strcpy(b+l,s);
    }
    i--;
    l--;
}
if(strlen(a)==strlen(b)){
    if(strcmp(a,b)<0){
        cout<<a<<"\n";
    }
    else{
        cout<<b<<"\n";
    }
}
else{
    if(strlen(a)<strlen(b))
        cout<<a<<"\n";
    else
        cout<<b<<"\n";
}
}
}
```