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#include <iostream>
#include <cstring>

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using namespace std;

long long i,j,f;
char x[81],y[81],b[300];

int main()
{
for(i=1;i<=5;i++)
    {cin>>x;
    cin>>y;
    for(int i=0;i<strlen(x)-1;i++)
        if(x[i]==x[i+1] && !strchr("AEIOU",x[i]))
            {strcpy(b,x+i+1);
            strcpy(x+i,b);
            i--;}
    for(int i=0;i<strlen(y)-1;i++)
        if(y[i]==y[i+1] && !strchr("AEIOU",y[i]))
            {strcpy(b,y+i+1);
            strcpy(y+i,b);
            i--;}
    for(int i=1;i<strlen(x);i++)
        if(strchr("AEIOU",x[i]))
            {strcpy(b,x+i+1);
            strcpy(x+i,b);
            i--;}
    for(int i=1;i<strlen(y);i++)
        if(strchr("AEIOU",y[i]))
            {strcpy(b,y+i+1);

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    strcpy(y+i,b);  
    i--;}  
  
f=j=0;  
while(f<strlen(x) && j<strlen(y))  
{if(x[f]==y[j])  
    {strcpy(b,x+f+1);  
    strcpy(x+f,b);  
    strcpy(b,y+j+1);  
    strcpy(y+j,b);  
    f--;  
    j--;  
    }  
f++;  
j++;  
}  
f=strlen(x)-1;  
j=strlen(y)-1;  
while(f>=0 && j>=0)  
{if(x[f]==y[j])  
    {strcpy(b,x+f+1);  
    strcpy(x+f,b);  
    strcpy(b,y+j+1);  
    strcpy(y+j,b);  
    }  
f--;  
j--;}  
if(strlen(x)<strlen(y))  
    cout<<x<<"\n";
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else
    if(strlen(x)>strlen(y))
        cout<<y<<"\n";
if(strlen(x)==strlen(y))
    for(int i=0;i<strlen(x);i++)
        if(int(x[i])<int(y[i]))
            {cout<<x<<"\n";
            break;}
        else
            if(int(x[i])>int(y[i]))
                {cout<<y<<"\n";
                break;}
    }
}
```