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/*
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ACSL - Contest 2
Junior Division
*/

#include <fstream>
#include <cstring>

using namespace std;

ifstream in("asf.in");
ofstream out("acsl.out");
char a[100],b[100],v[]="AEIOUaeiou",aux[100];

int main()
{
    int i,pr,j;
    for(pr = 1; pr<=5; pr++)
    {
        in >> a >> b;
        in.get();
        //consoane consecutive
        for(i=0; i<strlen(a)-1; i++)
        {
            if(!strchr(v,a[i]))
                if(a[i] == a[i+1])
                {
                    strcpy(aux, a+i+1);
                    strcpy(a+i, aux);
                    i--;
                }
        }
        for(i=0; i<strlen(b)-1; i++)
        {
            if(!strchr(v,b[i]))
                if(b[i] == b[i+1])
                {
                    strcpy(aux, b+i+1);
                    strcpy(b+i, aux);
                    i--;
                }
        }
        //vocale
        for(i=1; i<strlen(a); i++)
            if(strchr(v,a[i]))
            {

                strcpy(aux, a+i+1);
                strcpy(a+i, aux);
                i--;
            }
    }
}

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for(i=1; i<strlen(b); i++)
    if(strchr(v,b[i]))
    {
        strcpy(aux, b+i+1);
        strcpy(b+i, aux);
        i--;
    }
        //stanga - dreapta
for(i=0; i<strlen(a) && i<strlen(b); i++)
{
    if(a[i] == b[i])
    {
        strcpy(aux,a+i+1);
        strcpy(a+i,aux);
        strcpy(aux,b+i+1);
        strcpy(b+i, aux);
                                i--;
    }
}
//dreapta - stanga
        i=strlen(a)-1;
j=strlen(b)-1;
while(a[i] == b[j] && i>=0 && j>=0)
{
    i--, j--;
}
i++;
j++;
a[i] = '\0';
b[j] = '\0';
        i=strlen(a)-1;
j=strlen(b)-1;
while(i>=0 && j>=0)
{
    if(a[i] == b[j])
    {
        strcpy(aux,a+i+1);
        strcpy(a+i,aux);
        strcpy(aux,b+j+1);
        strcpy(b+j, aux);
    }
    else
    {
        i--;
        j--;
    }
}

if(strlen(a) < strlen(b))
    out << a << "\n";
else if(strlen(a) > strlen(b))
    out << b << "\n";
else if(strcmp(a,b) < 0)

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    out << a << "\n";  
else  
    out << b << "\n";  
}  
return 0;  
}
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