

```

#include <fstream>
#include <cstring>
#include <iostream>
using namespace std;
int main()
{
    char s1[81];
    char s2[81];
    char s[162],*p;
    int i=1,a,b,k;
    ifstream f("date.in");
    ofstream g("date.out");
    for(k=1;k<=5;k++){
        f.getline(s,162);
        p=strtok(s," ");
        strcpy(s1,p);
        p=strtok(NULL," ");
        strcpy(s2,p);
        a=strlen(s1);
        b=strlen(s2);i=1;
        while(i<a-1)
        {
            if(s1[i]>'A'&& s1[i]<='Z'&& s1[i+1]>'A'&& s1[i+1]<='Z')
            {
                if(s1[i]==s1[i+1])
                {
                    strcpy(s1+i,s1+i+1);
                    a--;
                }
                else
                    i++;
            }
            else
                i++;
        }
        i=1;
        while(i<b-1)
        {
            if(s2[i]>'A'&& s2[i]<='Z'&& s2[i+1]>'A'&& s2[i+1]<='Z')
            {
                if(s2[i]==s2[i+1])
                {
                    strcpy(s2+i,s2+i+1);
                    b--;
                }
                else
                    i++;
            }
            else
                i++;
        }
        i=1;
        while(i<a)
        {
            if(strchr("AEIOU",s1[i]))

```

```

        {
            strcpy(s1+i,s1+i+1);
            a--;
        }
    else
        i++;
}
i=1;
while(i<b)
{
    if(strchr("AEIOU",s2[i]))
    {
        strcpy(s2+i,s2+i+1);
        b--;
    }
    else
        i++;
}
i=0;
while(i<a&& i<b)
{
    if(s1[i]==s2[i])
    {
        strcpy(s1+i,s1+i+1);
        strcpy(s2+i,s2+i+1);
        a--;
        b--;
    }
    else
        i++;
}
i=0;
while(i<=a&& i<=b)
{
    if(s1[a-i-1]==s2[b-i-1])
    {
        strcpy(s1+a-i-1,s1+a-i);
        strcpy(s2+b-i-1,s2+b-i);
        a--;
        b--;
    }
    else
        i++;
}
if(a<b)
    g<<s1<<endl;
else
    if(b<a)
        g<<s2<<endl;
else
    if(strcmp(s1,s2)<0)
        g<<s1<<endl;
    else
        g<<s2<<endl;
}}

```