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#include <iostream>
#include <string>

using namespace std;

int main()
{
    string a,b;
    string strings[5];
    for (int j = 0; j < 5; j++)
    {
        cin>>a>>b;
        for(int i = 0; i < a.length(); i++)
        {
            if(a[i] == a[i + 1] && a[i] != 'A' && a[i] != 'E' && a[i] != 'I' &&
a[i] != 'O' && a[i] != 'U')
            {
                a.erase(a.begin() + i);
                i--;
            }

            if(i != 0 && (a[i] == 'A' || a[i] == 'E' || a[i] == 'I' || a[i] == 'O'
|| a[i] == 'U'))
            {
                a.erase(a.begin() + i);
                i--;
            }
        }

        for(int i = 0; i < b.length(); i++)
        {
            if(b[i] == b[i + 1] && b[i] != 'A' && b[i] != 'E' && b[i] != 'I' &&
b[i] != 'O' && b[i] != 'U')
            {
                b.erase(b.begin() + i);
                i--;
            }

            if(i != 0 && (b[i] == 'A' || b[i] == 'E' || b[i] == 'I' || b[i] == 'O'
|| b[i] == 'U'))
            {
                b.erase(b.begin() + i);
                i--;
            }
        }

        for(int i = 0; i < min(a.length(), b.length()); i++)
        {
            if(a[i] == b[i])
            {
                a.erase(a.begin() + i);
                b.erase(b.begin() + i);
                i--;
            }
        }

        for(int i = 0; i < min(a.length(), b.length()); i++)
        {
            if(a[a.length() - 1 - i] == b[b.length() - 1 - i])
            {
                a.erase(a.end() - 1 - i);
                b.erase(b.end() - 1 - i);
                i--;
            }
        }
    }
}

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    }  
    if(a.length() < b.length())  
        strings[j] = a;  
    else if(b.length() < a.length())  
        strings[j] = b;  
    else if(a < b)  
        strings[j] = a;  
    else  
        strings[j] = b;  
    }  
    for (int k = 0; k < 5; k++)  
    {  
        cout<<strings[k]<<"\n";  
    }  
}
```