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/*
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Division: Junior
Contest 2
*/

#include <iostream>
#include <string.h>

using namespace std;

int main()
{
    string a, b;
    cin >> a >> b;
    for(int i=0;i<a.size();i++){
        if(a[i]==a[i+1]){
            a.erase(i,1);
            i=i-1;
        }
    }
    for(int i=1;i<a.size();i++){
        if(a[i]=='A' || a[i]=='E' || a[i]=='T' || a[i]=='O' || a[i]=='U'){
            a.erase(i,1);
            i=i-1;
        }
    }
    for(int i=0;i<b.size();i++){
        if(b[i]==b[i+1]){
            b.erase(i,1);
            i=i-1;
        }
    }
    for(int i=1;i<b.size();i++){
        if(b[i]=='A' || b[i]=='E' || b[i]=='T' || b[i]=='O' || b[i]=='U'){
            b.erase(i,1);
            i=i-1;
        }
    }
    for(int i=0;i<a.size(),i<b.size();i++){
        if(a[i]==b[i]){
            a.erase(i,1);
            b.erase(i,1);
            i=i-1;
        }
    }
}

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    }
}

if(a.size() > b.size()){
    int x=a.size()-b.size();
    for(int i=0;i<b.size();i++){
        if(b[i]==a[x+i]){
            b.erase(i,1);
            a.erase(i+x,1);
            i=i-1;
        }
    }
    cout << b << endl;
}
else if(b.size() > a.size()){
    int y=b.size()-a.size();
    for(int i=0;i<a.size();i++){
        if(a[i]==b[y+i]){
            a.erase(i,1);
            b.erase(i+y,1);
            i=i-1;
        }
    }
    cout << a << endl;
}
else
{
    for(int i=0;i<a.size();i++){
        if(a[i]==b[i]){
            a.erase(i,1);
            b.erase(i,1);
            i=i-1;
        }
    }
}
if(a<b)
    cout << a << endl;
else
    cout << b << endl;
}
}

```