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/*
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Division: Junior
Contest 2
*/
#include <iostream>
#include <string.h>
using namespace std;

int main()
{
    int length, length1, smaller, gap=0;
    string a,b;
    cin >> a >> b;
    //erase double letters next to each other
    for (int i=0; i<a.length(); i++)
    {
        if (a[i]==a[i+1])
        {
            a.erase(i,1);
        }
    }
    for (int i=0; i<b.length(); i++)
    {
        if (b[i]==b[i+1])
        {
            b.erase(i,1);
        }
    }
    //erase vowels
    for (int i=1; i<a.length(); i++)
    {
        if (a[i]=='A' || a[i]=='E' || a[i]=='T' || a[i]=='O' || a[i]=='U')
        {
            a.erase(i,1);
            i--;
        }
    }
    for (int i=1; i<b.length(); i++)
    {
        if (b[i]=='A' || b[i]=='E' || b[i]=='T' || b[i]=='O' || b[i]=='U')
        {
            b.erase(i,1);
            i--;
        }
    }
}

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//erase left to right
if (a.length()>b.length())
{
    smaller=b.length();
}
else if (b.length()>a.length())
{
    smaller=a.length();
}
else if (a.length()==b.length())
{
    smaller=a.length();
}

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

//erase right to left and print out
if (a.length()>b.length())
{
    gap=a.length()-b.length();
    for (int i=gap; i<a.length(); i++)
    {
        if (a[i]==b[i-gap])
        {
            a.erase(i,1);
            b.erase(i-gap,1);
            i--;
        }
    }
    cout<<b<<endl;
}
else if (b.length()>a.length())
{
    gap=b.length()-a.length();
    for (int i=gap; i<b.length(); i++)
    {
        if (a[i-gap]==b[i])
        {
            a.erase(i-gap,1);

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

return 0;
}
```