#include<bits/stdc++.h>

using namespace std;

int lcs(string s1,string s2,int n1,int n2){

// base case

if(n1==0 || n2==0){

return 0;

}

else if(s1[n1-1]==s2[n2-1]){

return 1+lcs(s1,s2,n1-1,n2-1);

}

else{

return max(lcs(s1,s2,n1-1,n2),lcs(s1,s2,n1,n2-1));

}

}

int main(){

string s1,s2;

cin>>s1>>s2;

int n1 = s1.size();

int n2 = s2.size();

cout<<lcs(s1,s2,n1,n2);

}