#include<bits/stdc++.h>

using namespace std;

char solve(string s){

unordered\_map<char,int> mp;

int max = INT\_MIN;

char ch;

for(int i=0;i<s.size();i++){

int a = mp[s[i]];

a++;

mp[s[i]] = a;

}

for(auto x: mp){

if(x.second>max){

max = x.second;

ch = x.first;

}

}

for(auto x: mp){

cout<<x.first<<" "<<x.second<<endl;

}

return ch;

}

int main(){

string s;

cin>>s;

cout<<"\n";

cout<<solve(s)<<endl;

}