#include<bits/stdc++.h>

using namespace std;

long solve(string s){

long n = s.size();

long dp[n+1];

unordered\_map<char,int> mp;

dp[0] = 1;

for(int i=1;i<=n;i++){

char ch = s[i-1];

dp[i] = 2\*dp[i-1];

if(mp.find(ch)!=mp.end()){

int j = mp[ch];

dp[i] = dp[i] - dp[j-1];

}

mp[ch] = i;

}

return dp[n]-1;

}

int main(){

string s;

cin>>s;

cout<<solve(s);

}