#include <string>

#include <vector>

#include <iostream>

#include <algorithm>

using namespace std;

bool solution(vector<string> phone\_book) {

bool answer = true;

sort(phone\_book.begin(), phone\_book.end());

vector<string>::iterator itr1;

for (itr1=phone\_book.begin(); itr1!=phone\_book.end(); ++itr1) {

vector<string>::iterator itr2;

for (itr2=itr1+1; itr2!=phone\_book.end(); ++itr2) {

if ((\*itr2).find(\*itr1) != string::npos) {

answer = false;

break;

}

}

if (answer == false)break;

}

return answer;

}