[A - Find First Repeating Character](https://vjudge.net/problem/HackerRank-si-find-first-repeating-character" \t "_blank)

 Given a string of characters, find the first repeating character.

**Input Format**

First line of input contains T - number of test cases. Its followed by T lines, each line contains a single string of characters.

**Constraints**

1 <= T <= 1000  
'a' <= str[i] <= 'z'  
1 <= len(str) <= 104

**Output Format**

For each test case, print the first repeating character, separated by newline. If there are none, print '.'.

**Sample Input 0**

4

datastructures

algorithms

smartinterviews

hackerrank

**Sample Output 0**

a

.

s

a

**Explanation 0**

Self Explanatory

#include <iostream>

#include <string>

#include <map>

using namespace *std*;

int main(void)

{

*ios\_base*::*sync\_with\_stdio*(false);

*cin*.*tie*(nullptr);

*cout*.*tie*(nullptr);

int t; *cin* >> t;

while (t--)

{

*string* listOfChars;

*cin* >> listOfChars;

*map*<char, int> mp;

for (auto i = 0; i < listOfChars.*size*(); i++)

{

mp[listOfChars[i]] += 1;

}

for (auto i = 0; i < listOfChars.*size*(); i++)

{

if (mp[listOfChars[i]] > 1) {

*cout* << listOfChars[i] << "\n";

break;

}

}

if (mp.*size*() == listOfChars.*size*())

*cout* << ".\n";

}

return 0;

}