

# Problem B. Find First Repeating Character

**OS** Linux

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

$1 \leq T \leq 1000$

$'a' \leq \text{str}[i] \leq 'z'$

$1 \leq \text{len}(\text{str}) \leq 10^4$

## Output Format

For each test case, print the first repeating character, separated by newline. If there are none, print '!'.  
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Input	Output
4 datastructures algorithms smartinterviews hackerrank	a . s a

## Explanation 0

Self Explanatory