



RLE - Run Length Encoding

by ankushsoni96

Problem

Submissions

Leaderboard

Discussions

Alice is given some strings which she needs to compress and send to Bob. She seeks your help in order to do that. In order to do that, you decide to follow an approach called "Run Length Encoding (RLE)".

The RLE encoding for a given string 's' should be constructed as follows: For each largest consecutive sequence of a similar character 'c' in the string 's', replace it by the count of consecutive 'c's, followed by 'c'.

For example: S = "sssaass" should be written as: "3s2a2s"

Can you help Alice with the program?

Input Format

First line contains N, the number of strings.

Each of the next N lines contain 1 string each.

Constraints

All strings consist of lowercase alphabets.

Output Format

Each line of the output contains the compressed string as shown above.

Sample Input 0

```
1
sssaass
```

Sample Output 0

```
3s2a2s
```



Contest ends in an hour

Submissions: 0

Max Score: 50

Difficulty: Medium

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C  

```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
7
8     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     return 0;
10 }
11
```

Line: 1 Col: 1

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