

# 71A - Way Too Long Words

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17 April 2024

## 1 Problem

Problem Description : <https://codeforces.com/problemset/problem/71/A>

## 2 Objective

The goal of this problem is, if the string length is more than 10, we should print the first index, the string length - 2, and the last string index. And if the length is not more than 10, just print the string.

## 3 Solution

$s = \text{"word"}$ , because the length is 4, so the output is,  $\text{"word"}$

$s = \text{"localization"}$ , the length is more than 10, so the output is  $\text{"l10n"}$ .

## 4 Code

```
#include <bits/stdc++.h>
using namespace std;
int main(){
    int x;
    cin >> x;
    string s;
    for (int i = 0; i < x; i++){
        cin >> s;
        if (s.length() > 10){
            string temp = s[0] + to_string(s.length() - 2) +
                s[s.length() - 1];
            cout << temp << endl;
        }
        else
            cout << s << endl;
    }
    return 0;
}
```