

LeetCodeCloudflaString CString CProfile -Profile -Profile -Profile -Profile -leetcode

leetcode.com/problems/string-compression/submissions/1598661906/

Problem List

DescriptionAcceptedEditorialSolutionsSubmissions

All Submissions

Accepted76 / 76 testcases passed

Keerthi_05 submitted at Apr 06, 2025 21:12

EditorialSolution

Runtime

1 msBeats 99.58%

Analyze Complexity

Memory

44.29 MBBeats 41.37%

Runtime (ms)	Beats (%)
1	99.58

Code | Java

```
class Solution {
    public int compress(char[] chars) {
        int k = 0, n = chars.length;
        for (int i = 0, j = i + 1; i < n; ) {
            while (j < n && chars[j] == chars[i]) {
                ++j;
            }
            chars[k++] = chars[i];
            if (j - i > 1) {
                String cnt = String.valueOf(j - i);
                for (char c : cnt.toCharArray()) {
                    chars[k++] = c;
                }
            }
            i = j;
        }
        return k;
    }
}
```

Code

JavaAuto

```
1 class Solution {
2     public int compress(char[] chars) {
3         int k = 0, n = chars.length;
4         for (int i = 0, j = i + 1; i < n; ) {
5             while (j < n && chars[j] == chars[i]) {
6                 ++j;
7             }
8             chars[k++] = chars[i];
9             if (j - i > 1) {
10                 String cnt = String.valueOf(j - i);
11                 for (char c : cnt.toCharArray()) {
12                     chars[k++] = c;
13                 }
14             }
15             i = j;
16         }
17         return k;
18     }
19 }
```

Ln 3, Col 37 Saved

RunSubmit

TestcaseTest Result

AcceptedRuntime: 0 ms

Case 1Case 2Case 3

Input

chars =

["a","a","b","b","c","c","c"]

Output

["a","2","b","2","c","3"]