

String Compression

chars = ["a", "a", "b", "b", "c", "c", "c"]

↓
['a', '2', 'b', '2', 'c', '3']

① Count the continuous characters, idx = 0
for (i = 0; i < n; i++) {

ch = chars[i]

count = 0

while (i < n && chars[i] == ch) {

count++, i++;

}

① if count != 1

char[idx] = ch

idx++

② else char[idx++] = ch

string str = to_string(count)

for (char dig : str)

chars[idx++] = dig

}

i--

}