**Code Test 1**

**String Compression**

Given a string S, compress the string by its character and its count as specified in the sample input and output.

**Boundary Condition:**  
1<= Length of S <= 10000

**Input Format:**  
The first line contains the string S.

**Output Format:**  
The first line contains the compressed string format.

**Sample Input/Output 1:  
Input:**  
aaabbbbcc

**Output:**  
a3b4c2

**Sample Input/Output 2:  
Input:**  
abc

**Output:**  
a1b1c1

**Code Test 2**

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| **Equal Left And Right Sum [ZH]**  Given an array of integer of size N, print the elements for which the sum of all elements present to it's left is equal to the sum of all elements present to it's right.  **Boundary Condition:** 1<= N <= 10000  **Input Format:** The first line contains N. The second line contains N integers separated by space.  **Output Format:** The first line contains the output as specified.  **Sample Input/Output 1: Input:** 4 2 1 5 3  **Output:** 5  **Sample Input/Output 2: Input:** 6 1 4 -2 2 2 1  **Output:** -2 2 |
| Duration in Mins | **60** |