

Question #3 (Hard)

Description:

Write a JavaScript function named `compressString` that takes a string as its argument and returns a compressed version of the string following these rules:

- For each group of consecutive identical characters in the input string, replace that group with a single instance of the character followed by the number of times it appears consecutively.
- If a character appears only once consecutively, just include the character without a number following it.
- The function should handle any ASCII character.

The goal is to implement a basic form of string compression for sequences of identical characters.

Starting Code

```
function compressString(str) {  
    // Your code here  
}
```

Sample Input and Output

Input: "aaabbc"

Output: "a3b2c"

Input: "aabbaabb"

Output: "a2b2a2b2"

Input: "abcd"

Output: "abcd" (since compressing does not reduce the string's size)

Input: "wwwaaadexxxxxx"

Output: "w4a3dex6"