

File Edit Selection View Go Run Terminal Help problem\_3.js - string\_anagram\_problem\_3 - Visual Studio Code

EXPLORER ... problem\_3.js X

STRING\_ANAGRAM\_PROB... problem\_3.js U

```
// String Anagram
// 'hello' <-> 'llheo' -- true
// 'hello' <-> 'lileo' -- false
// condition :- 1. length check (for both string)
//               2. string 'hello' { h:0, e:0, l:0, o:0 }
function isAnagram(string1, string2) {
    if(string1.length !== string2.length){
        return false;
    }

    let counter = {}
    for(let letter of string1){
        counter[letter] = (counter[letter] || 0) + 1;
        // console.log(letter);
        console.log(counter[letter]);
    }
    // console.log(counter);

    for(let items of string2){
        if(!counter[items]){
            return false;
        }
        counter[items] -= 1; // jo hamara logic tha subtract kerne ka vaha hmne yaha laga deya
    }
    return true;
}
const check = isAnagram('hello','llheo');
console.log(check);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\string\_anagram\_problem\_3> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\string\_anagram\_problem\_3\problem\_3.js"

1  
1  
1  
2  
1  
true

PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\string\_anagram\_problem\_3> []

Ln 26, Col 2 Spaces: 4 UTF-8 CRLF {} Babel JavaScript ⚡ Go Live ✓ Prettier ⚡

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problem\_3.js - string\_anagram\_problem\_3 - Visual Studio Code

EXPLORER ...

STRING\_ANAGRAM\_PROB... problem\_3.js U

```
problem_3.js > isAnagram
1 // String Anagram
2 // 'hello' <-> 'lilneo' -- true
3 // 'hello' <-> 'llneo' -- false
4 // condition :- 1. length check (for both string)
5 //           2. string 'hello' { h:0, e:0, l:0, o:0 }
6 function isAnagram(string1, string2) {
7     if(string1.length!==string2.length){
8         return false;
9     }
10
11     let counter = {};
12     for(let letter of string1){
13         counter[letter]=(counter[letter] || 0) + 1;
14         console.log(letter);
15         console.log(counter[letter]);
16     }
17     console.log(counter);
18
19     for(let items of string2){
20         if(!counter[items]){
21             return false;
22         }
23         counter[items] -=1;
24     }
25     return true;
26 }
27 const check = isAnagram('hello','llneo');
28 console.log(check);
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\string_anagram_problem_3> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\string_anagram_problem_3\problem_3.js"
h
1
e
1
l
1
l
2
o
1
{ h: 1, e: 1, l: 2, o: 1 }
true
```

OUTLINE TIMELINE

main\* 0 0 △ 0 Ln 26, Col 2 Spaces: 4