

File Edit Selection View Go Run Terminal Help problem_4.js - counting_unique_numbers_problem_4 - Visual Studio Code

EXPLORER ... problem_4.js X

COUNTING UNIQUE NUMBERS problem_4.js U

```
1 // Count Unique Numbers
2 // [1, 1, 2, 2, 3, 4, 4, 5, 6, 7, 8, 8]
3
4 // Count Unique Numbers:-  

5 // [1, 1, 2, 2, 3, 4, 4, 5, 6, 7, 8, 8]
6 // output --> 8
7
8 // conditions
9 // i=0, j=1
10 // array[i] !== array[j]
11 // 1. i++
12 // 2. array[i] = array[j]
13 function countUnique(array) {
14     if (array.length > 0) {
15         let i = 0;
16         for (let j = 1; j < array.length; j++) {
17             if (array[i] !== array[j]) {
18                 i++;
19                 array[i] = array[j];
20             }
21         }
22         return i+1;
23     } else {
24         throw new Error("Array is Empty");
25     }
26 };
27 const result = countUnique([1, 1, 2, 2, 3, 4, 4, 5, 6, 7, 8, 8]);
28 console.log("This is a Unique Number", result);
29
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\counting_unique_numbers_problem_4> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\counting_unique_numbers_problem_4\problem_4.js"

This is a Unique Number 8

PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\counting_unique_numbers_problem_4> []

