

The screenshot shows a Visual Studio Code interface with the following details:

- File Menu:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Title Bar:** problem_2.js - sum_zero_problem_2 _optimized_solution - Visual Studio Code.
- Explorer:** Shows a folder named "SUM_ZERO_PROBLEM_2_O..." containing a file "problem_2.js".
- Code Editor:** Displays the following JavaScript code:

```
// Checking Sum Zero --> Problem 1.  
// [-5, -4, -3, -2, 0, 2, 4, 6, 8] --> input.  
// [?, ?] --> output.  
// Another Solution.  
  
function FindSumPair(array) {  
    let left = 0;  
    let right = array.length-1;  
  
    while(left < right) {  
        sum = array[left] + array[right];  
        if(sum === 0) {  
            return [array[left], array[right]];  
        }  
        else if(sum > 0){  
            right--;  
        }  
        else{  
            left++;  
        };  
    };  
    const result = FindSumPair([-5, -4, -3, -2, 0, 2, 4, 6, 8]);  
    console.log("This is Output", result);  
};
```
- Bottom Status Bar:** PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, E: \Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\sum_zero_problem_2 _optimized_solution> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\sum_zero_problem_2 _optimized_solution\problem_2.js", This is Output [-4, 4].
- Bottom Icons:** Save, Undo, Redo, Find, Replace, Timeline, Outline, Babel JavaScript, Prettier, Go Live, etc.

File Edit Selection View Go Run Terminal Help problem_2.js - sum_zero_problem_2_optimized_solution - Visual Studio Code

EXPLORER ... problem_2.js X

SUM_ZERO_PROBLEM_2_O... problem_2.js U

```
1 // Checking Sum Zero --> Problem 1.
2 // [-5, -4, -3, -2, 0, 2, 4, 6, 8] --> input.
3 // [?, ?] --> output.
4 // Another solution.
5 function FindsumPair(array) {
6     let left = 0;
7     let right = array.length-1;
8
9     while(left < right) {
10         sum = array[left] + array[right];
11         console.log(sum);
12         if(sum === 0) {
13             return [array[left], array[right]];
14         }
15         else if(sum > 0){
16             right--;
17         }
18         else{
19             left++;
20         };
21     };
22 };
23 const result = FindsumPair([-5, -4, -3, -2, 0, 2, 4, 6, 8]);
24 console.log("This is Output", result);
25
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Code + ×

```
PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\sum_zero_problem_2_optimized_solution> node "e:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\sum_zero_problem_2_optimized_solution\problem_2.js"
3
1
-1
0
This is Output [ -4, 4 ]
```

OUTLINE TIMELINE

main* 0 △ 0

Ln 15, Col 26 Spaces: 4 UTF-8 CRLF {} Babel JavaScript Go Live Prettier