

File Edit Selection View Go Run Terminal Help problem\_5.js - largest\_sum\_of\_consecutive\_digits\_problem\_5 - Visual Studio Code

EXPLORER ... js problem\_5.js X

LARGEST\_SUM\_OF\_CONSE... js problem\_5.js U

```
5 // [1, 2, 3, 4, 3, 5, 4, 6, 7, 8] --> total elements - 10
6 // count largest sum of consecutive digits.
7 // num = 4
8 // sum = 25
9
10 // condition :-
11 // num > array --> error message
12 // 10 - 4 + 1 = ?
13
14 function findLargest(array, num) {
15     if (num > array) {
16         throw new Error("num is not greater than array");
17     } else {
18         let max = 0;
19         for (let i = 0; i < array.length - num + 1; i++) {
20             let temp = 0;
21
22             for (let j = 0; j < num; j++) {
23                 temp += array[i + j];
24             }
25             if (temp > max) {
26                 max = temp;
27             }
28         }
29         return max;
30     }
31 }
32 const result = findLargest([1, 2, 3, 4, 3, 5, 4, 6, 7, 8], 4);
33 console.log("Largest Sum of consecutive digits:", result);
34
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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Largest Sum of consecutive digits: 25
PS E:\Users\Public\Github + Hosting\DS & Algorithms Course by Technical Suneja\largest\_sum\_of\_consecutive\_digits\_problem\_5>

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Largest Sum of consecutive digits: 25  
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