

## JavaScript Task 2 Output:

The image displays two screenshots of a CodePen editor interface, showing the progression of a JavaScript task. The browser tabs at the top include 'Agile Tribers', 'JavaScript Task Practice - 2', 'JavaScript Task 2', and 'Agile-Tribers-internship/Sprint'. The address bar shows the URL 'codepen.io/Ajay-G-the-sans/pen/NPWyxRd?editors=0012'.

**Top Screenshot:**

- JS Editor:** Contains the following code:

```
// 1: Declare variables with meaningful names using camelCase and under_score_case
let firstName = "Ajay.G";
let id_email = "aj0104@gmail.com";
console.log("1 Output:", firstName, id_email);

// 2: Declare a constant and try to reassign it (will throw an error)
const pi = 3.14;
// pi = 3.14159;
console.log("2 Output:", pi);
```
- Console:** Shows the output of the first two log statements:

```
"1 Output:" "Ajay.G" "aj0104@gmail.com"
"2 Output:" 3.14
```

**Bottom Screenshot:**

- JS Editor:** Contains the following code:

```
console.log("3 Output - After Push:", fruits);
fruits.pop();
console.log("3 Output - After Pop:", fruits);

// 4: Sum of Two Numbers
let num1 = 10;
let num2 = 20;
let sum = num1 + num2;
console.log("4 Output - Sum:", sum);
```
- Console:** Shows the output of the third and fourth log statements:

```
"3 Output - After Push:" ["Apple", "Banana", "Cherry", "Orange"]
"3 Output - After Pop:" ["Banana", "Cherry", "Orange"]
"4 Output - Sum:" 30
```

Both screenshots show a Windows taskbar at the bottom with various application icons and a system clock indicating 12:03 PM and 12:04 PM on 3/18/2025.

Agile Tribers x JavaScript Task Practice - 2 x JavaScript Task 2 x Agile-Tribers-internship/Sprint : x +

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### JavaScript Task 2

Ajay G

JS

```
42 // 8: Simple Calculator
43 let calcNum1 = 10;
44 let calcNum2 = 5;
45 let addition = calcNum1 + calcNum2;
46 let subtraction = calcNum1 - calcNum2;
47 let multiplication = calcNum1 * calcNum2;
48 let division = calcNum1 / calcNum2;
49 console.log("8 Output - Addition:", addition);
50 console.log("8 Output - Subtraction:", subtraction);
51 console.log("8 Output - Multiplication:", multiplication);
```

Console

```
"8 Output - Addition:" 15
"8 Output - Subtraction:" 5
"8 Output - Multiplication:" 50
"8 Output - Division:" 2
"9 Output - After +=:" 15
```

Activate Windows  
Go to Settings to activate Windows.

Console Assets Comments Shortcuts

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### JavaScript Task 2

Ajay G

JS

```
52 console.log("8 Output - Division:", division);
53
54 // 9: Use assignment operators to modify the value of a variable
55 let x = 10;
56 x += 5;
57 console.log("9 Output - After +=:", x);
58 x -= 3;
59 console.log("9 Output - After -=:", x);
60 x *= 2;
61 console.log("9 Output - After *=: ", x);
```

Console

```
"9 Output - After +=:" 15
"9 Output - After -=:" 12
"9 Output - After *=: " 24
"9 Output - After /=:" 6
"10 Output - After Increment:" 6
```

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JavaScript Task 2Ajay G

JS

```
71 console.log("10 Output - After Decrement:", count);
72
73 // 11: Use comparison operators
74 let a = 10;
75 let b = 20;
76 console.log("11 Output - a == b:", a == b);
77 console.log("11 Output - a != b:", a != b);
78 console.log("11 Output - a === b:", a === b);
79 console.log("11 Output - a !== b:", a !== b);
80 console.log("11 Output - a > b:", a > b);
```

Console

"10 Output - After Decrement:" 5

"11 Output - a == b:" false

"11 Output - a != b:" true

"11 Output - a === b:" false

"11 Output - a !== b:" true

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JavaScript Task 2Ajay G

JS

```
86 let isTrue = true;
87 let isFalse = false;
88 console.log(" 12 Output - isTrue && isFalse:", isTrue && isFalse);
89 console.log(" 12 Output - isTrue || isFalse:", isTrue || isFalse);
90 console.log(" 12 Output - !isTrue:", !isTrue);
91
92 // Task 13: Program to swap two variables
93 let swapA = 5;
94 let swapB = 10;
95 let temp = swapA;
```

Console

"11 Output - a >= b:" false

"11 Output - a <= b:" true

" 12 Output - isTrue && isFalse:" false

" 12 Output - isTrue || isFalse:" true

" 12 Output - !isTrue:" false

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JavaScript Task 2

Ajay G

Save

Settings

JS

```
97 swapB = temp;
98 console.log(" 13 Output - After Swap:", swapA, swapB);
99
100 // Task 14: Program to find the average of given numbers
101 let numbers = [10, 20, 30, 40, 50];
102 let sumNumbers = numbers.reduce((acc, curr) => acc + curr, 0);
103 let averageNumbers = sumNumbers / numbers.length;
104 console.log(" 14 Output - Average:", averageNumbers);
105
106 // 15: Program to add two numbers, multiply by a third, and divide by a fourth
```

Console

Clear

```
" 13 Output - After Swap:" 10 5
" 14 Output - Average:" 30
"15 Output - Result:" 160
"16 Output - Total Marks:" 438
" 16 Output - Average Marks:" 87.6
```

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