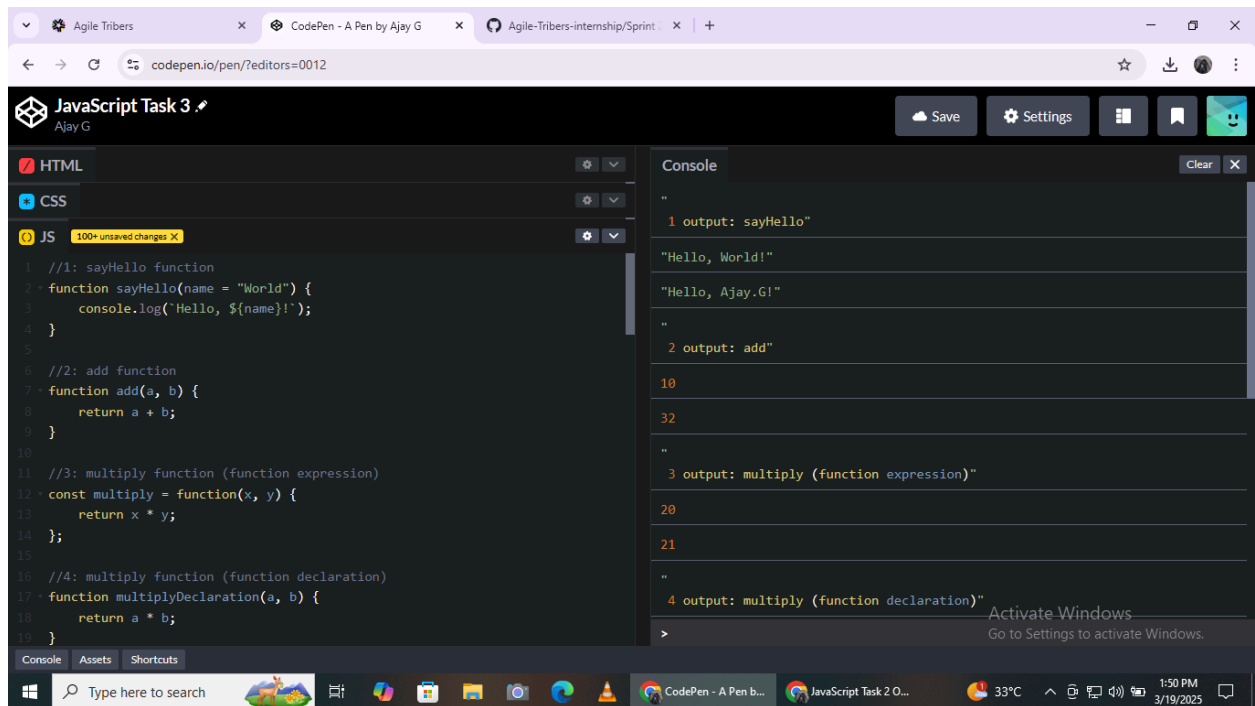


JavaScript Task 3 Output:



The screenshot shows a web browser window with the CodePen editor. The editor has three tabs: HTML, CSS, and JS. The JS tab is active, showing the following code:

```
1 //1: sayHello function
2 function sayHello(name = "World") {
3   console.log("Hello, ${name}!");
4 }
5
6 //2: add function
7 function add(a, b) {
8   return a + b;
9 }
10
11 //3: multiply function (function expression)
12 const multiply = function(x, y) {
13   return x * y;
14 };
15
16 //4: multiply function (function declaration)
17 function multiplyDeclaration(a, b) {
18   return a * b;
19 }
```

The console on the right shows the output of the code:

```
"
1 output: sayHello"
"Hello, World!"
"Hello, Ajay.G!"
"
2 output: add"
10
32
"
3 output: multiply (function expression)"
20
21
"
4 output: multiply (function declaration)"
>
```

The bottom of the screen shows the Windows taskbar with the search bar, taskbar icons, and system tray showing the temperature (33°C) and time (1:50 PM, 3/19/2025).

Agile Tribers x CodePen - A Pen by Ajay G x Agile-Tribers-internship/Sprint x +

codepen.io/pen/?editors=0012

JavaScript Task 3

Ajay G

Save Settings

HTML CSS JS 100+ unsaved changes X

```
1 //4: multiply function (function declaration)
17 * function multiplyDeclaration(a, b) {
18   return a * b;
19 }
20
21 //5: divide function
22 * function divide(a, b) {
23   if (b === 0) {
24     return "Error: Division by zero is not allowed.";
25   }
26   return a / b;
27 }
28
29 //6: factorial function
30 * function factorial(n) {
31   if (n === 0 || n === 1) {
32     return 1;
33   }
34   return n * factorial(n - 1);
35 }
```

Console

```
"
3 output: multiply (function expression)"
20
21
"
4 output: multiply (function declaration)"
42
72
"
5 output: divide"
5
"Error: Division by zero is not allowed."
"
6 output: factorial"
>
```

Activate Windows
Go to Settings to activate Windows.

Type here to search

CodePen - A Pen b... JavaScript Task 2 O... 33°C 1:50 PM 3/19/2025

Agile Tribers x CodePen - A Pen by Ajay G x Agile-Tribers-internship/Sprint x +

codepen.io/pen/?editors=0012

JavaScript Task 3

Ajay G

Save Settings

HTML CSS JS 100+ unsaved changes X

```
34   return n * factorial(n - 1);
35 }
36
37 //7: square function
38 * function square(number) {
39   return number * number;
40 }
41
42 // =====
43 // Testing all functions with input
44 // =====
45
46 console.log("\n 1 output: sayHello");
47 sayHello(); // without name
48 sayHello("Ajay.G"); //with name
49
50 console.log("\n 2 output: add");
51 console.log(add(5, 5));
52
```

Console

```
"
4 output: multiply (function declaration)"
42
72
"
5 output: divide"
5
"Error: Division by zero is not allowed."
"
6 output: factorial"
120
3628800
"
7 output: square"
>
```

Activate Windows
Go to Settings to activate Windows.

Type here to search

CodePen - A Pen b... JavaScript Task 2 O... 33°C 1:50 PM 3/19/2025

