

index.js + 1.SayHello

AI NEW JAVASCRIPT RUN

```
1 function greetUser (name) {  
2   console.log(`Hello, ${name}!`);  
3 }  
4  
5 greetUser ("Alice");  
6 greetUser ("Bob");
```

STDIN

Input for the program (Optional)

Output:
Hello, Alice!
Hello, Bob!

index.js + 2. 2parameters

```
1 function add(a, b) {  
2   return a + b;  
3 }  
4 console.log(add(5, 3));  
5 console.log(add(10, 20));  
6 console.log(add(-1, 1));  
7 console.log(add(0, 0));  
8 console.log(add(2.5, 3.5));
```

AI NEW JAVASCRIPT RUN

STDIN

Input for the program (Optional)

Output:

8
30
0
0
6



index.js



3.Named Multiply



NEW

JAVASCRIPT

RUN



```
1 const multiply = function(x, y)
2 {
3   return x * y;
4 };
5 console.log(multiply(5, 3));
6 console.log(multiply(10, 20));
7 console.log(multiply(-1, 1));
8 console.log(multiply(0, 5));
9 console.log(multiply(2.5, 4)); |
```

STDIN

Input for the program (Optional)

Output:

15
200
-1
0
10




```
1 function multiply(a, b) {  
2   return a * b;  
3 }  
4 console.log(multiply(5, 3));  
5 console.log(multiply(10, 20));  
6 console.log(multiply(-1, 1));  
7 console.log(multiply(0, 5));  
8 console.log(multiply(2.5, 4));
```

STDIN

Input for the program (Optional)

Output:

```
15  
200  
-1  
0  
10
```

```
index.js + 5.Called Divide  AI NEW JAVASCRIPT  RUN 
```

```
1 function divide(a, b) {  
2   if (b === 0) {  
3     return "Error: Division by zero is not allowed.";  
4   }  
5   return a / b;  
6 }  
7 console.log(divide(10, 2));  
8 console.log(divide(20, 4));  
9 console.log(divide(5, 0));  
10 console.log(divide(-10, 2));  
11 console.log(divide(7, 3));
```

STDIN

Input for the program (Optional)

Output:

Program did not output anything!

InternTribe

JavaScript Task Practice - 3

6.Called Factorial - JavaScript

onecompiler.com/javascript/43eg2j8y7

index.js

6.Called Factorial

AI NEW JAVASCRIPT RUN




```
1 function factorial(n) {
2   if (n < 0) {
3     return "Error: Factorial is not defined for negative numbers.";
4   }
5   if (n === 0 || n === 1) {
6     return 1;
7   }
8   let result = 1;
9   for (let i = 2; i <= n; i++) {
10    result *= i;
11  }
12  return result;
13 }
14 console.log(factorial(5));
15 console.log(factorial(0));
16 console.log(factorial(1));
17 console.log(factorial(3));
18 console.log(factorial(-2));
```

STDIN

Input for the program (Optional)

Output:

120
1
1
6
Error: Factorial is not defined for negative numbers.

index.js + 7.Calculates and returns  NEW JAVASCRIPT  RUN 

```
1 function square(number) {  
2   return number * number;  
3 }  
4 console.log(square(5));  
5 console.log(square(10));  
6 console.log(square(-3));  
7 console.log(square(0));  
8 console.log(square(2.5));
```

STDIN
Input for the program (Optional)
Output:
25
100
9
0
6.25