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ite a function named add.jsJS Ex-3 Declare a function expression named multiply.jsJS Ex-4 Write a function called multiply.jsJS Ex-5 Write a function called divide.jsJS Ex-6 Write a function called factorial.js

E: > Internship > JS Ex-6 Write a function called factorial.js > ...  
1 function factorial(n) {  
2 if (n < 0) {  
3 return "Error: Factorial is not defined for negative numbers.";  
4 }  
5  
6 let result = 1;  
7 for (let i = 2; i <= n; i++) {  
8 result \*= i;  
9 }  
10 return result;  
11 }  
12  
13 // Example usage:  
14 console.log(factorial(0)); // Output: 1  
15 console.log(factorial(1)); // Output: 1  
16 console.log(factorial(5)); // Output: 120  
17 console.log(factorial(7)); // Output: 5040  
18 console.log(factorial(-3)); // Output: Error: Factorial is not defined for negative numbers.  
19

PROBLEMSOUTPUTDEBUG CONSOLETERMINALPORTSFilterCode  
[Running] node "e:\Internship\Ex-6 Write a function called factorial.js"  
1  
1  
120  
5040  
Error: Factorial is not defined for negative numbers.  
[Done] exited with code=0 in 0.109 seconds

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