

Factorialize

Background: The challenge is to write a function that returns the factorial($n!$) of an integer.

Challenge: [freeCodeCamp - Basic Algorithm Scripting 3](#)

Resources: [MDN Web Docs](#) and [freeCodeCamp](#)

Notes: The code below is intended to be informational and is not meant to be the only way to write a function that returns the factorial of a positive integer. In addition to the function below, I employed other functions and methods to set conditions and facilitate user interaction.

```
function factorialize(int) {  
    // if the num is less than 0,  
    if(int < 0){  
        return -1;  
    // else if the num is strictly equal to 0,  
    }else if (int === 0){  
        return 1;  
    // otherwise, factorialize it  
    }else {  
        //Using recursion  
        return (int * factorialize(int-1));  
    }  
}  
  
// TESTING THE FUNCTION  
console.log(factorialize(5)); // 120  
console.log(factorialize(3)); // 6  
console.log(factorialize(4)) // 24  
console.log(factorialize(-25)) // -1  
console.log(factorialize(10)); // 3628800
```