

## Factorialize

**Background:** The factorial(!) of a positive integer is the product of it and the positive integers below it, except 0. This function only considers positive integers.

**Challenge:** [freeCodeCamp](#)

**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
```