JavaScript

Day 2

ASSIGNMENTS ***(create a .js file for each assignment and add it inside an HTML page)***

1. Write a standard JS function which takes a number as an argument and returns its factorial.

2. Write a JS arrow function which takes 2 numbers and returns their sum.

3. Write a standard JS function which takes variable number of arguments and prints each argument on the screen and also the number of arguments passed.

4. Write a JS arrow function named **Login()** which takes a **username** and **password.** In case any of the arguments or both are not passed, the default values must be **CT** and **CT** respectively.

5. Create a JS object which stores the following details about a vehicle:

   vehicleid → a number
   brand → a string
   model → a string
   variant → a string
   specifications → an object containing the following members:
   firstGear → a function which logs some message
   secondGear → a function which logs some message
   maxSpeed → a number
   changeGear → a function which calls "firstGear" and "secondGear" functions

   Print the **vehicleid, brand, model, variant** on the browser console. Invoke the **changeGear** function & display the **speed** on the browser console.

6. Rewrite the function created in assignment 1 as an arrow function.

7. Pass the object created in assignment 5 to an arrow function. The function must return a string which contains the vehicleid, brand, ,model, variant & speed.

8. Write a JS function which returns the sum of any number of arguments passed. If no arguments are passed, the function must return a zero.

9. Write a JS function which takes 3 arguments, namely **arg1, arg2** and **arg3.** Call the function by passing an array of 3 elements to it. The function must return the maximum value from the array passed to it.