**JavaScript Essentials**

**Day 1 Assignment**

**Question 1: Explore and explain the various methods in console function.**

Answer: a) console.log() : Mainly used to log(print) the output to the console. We can put any type inside the log(), be it a string, array, object, boolean etc.

b) console.error() : Used to log error message to the console. Useful in testing of code. By default the error message will be highlighted with red color.

c) console.warn() : Used to log warning message to the console. By default the warning message will be highlighted with yellow color.

d) console.clear() : Used to clear the console. The console will be cleared, in case of Chrome a simple overlayed text will be printed like : ‘Console was cleared’ while in firefox no message is returned.

e) console.time() and console.timeEnd() : Whenever we want to know the amount of time spend by a block or a function, we can make use of the time() and timeEnd() methods provided by the javascript console object. They take a label which must be same, and the code inside can be anything( function, object, simple console).

f) console.table() : This method allows us to generate a table inside a console. The input must be an array or an object which will be shown as a table.

g) console.count() : This method is used to count the number that the function hit by this counting method.

Question 2 : Write the difference between var, let and const with code examples