**Assignments**

**Assignment 1 : Running JavaScript Code**

**1. Write a program to print ‘hello world’**

1. In Web Browser Developer tool console.
2. In HTML file inside script tag.
3. Include external JS file in a HTML file using script file.

**2. Variables, Data-types and operators**

1. Declare a variable and test variable name rules and log the variable value.
2. Comment Javascript code (single and multi-line comment).
3. Store values using assignment operator.  
    ***Create to two variables ‘a’ and ‘b’  
    Assign variable a with value 5  
    Assign the value of a to b***
4. Add two numbers using plus operator.
5. Subtract One number from another
6. Multiply two numbers
7. Divide one number by other
8. Increment a number using both pre and post increment.
9. What will be the output of the following program.  
   var i = 4;  
   var j = 21;  
   var k = ++i \* 7 +2 - j--;  
   console.log(k)
10. Write a program to get remainder of 17 divided by 3.
11. Declare a string variable and log the typeof of variable.
12. Print a string “ Alan said, “Peter is learning Javascript” ”(ignore first and last quote) use escape character.
13. Concat two strings using plus operator.
14. Concat two strings using plus equal (+=) operator.
15. Append a number variable to string.
16. Store multiples values in one variable using JS array.
17. Verify a variable is an array using isArray() method.
18. Find the length of an array
19. Create an array with five elements and access the 3rd element using indexes.
20. Create an array with 10 elements and then update the 5th and 6th position with new values using index.
21. Add a element to an existing array using push() method.