**Javascript Assignements**

**//Javascript DOM**

1. Write a JavaScript program to set the background color of a paragraph.

2. Write a JavaScript program to remove items from a dropdown list.

3. Write a JavaScript program to calculate the volume of a sphere.

4. Write a JavaScript program to get the width and height of the window (any time the window is resized).

**// Javascript basics**

1. Write a JavaScript program to display the current day and time in the following format.
2. Write a JavaScript program to get the current date.
3. Write a JavaScript program to find the area of a triangle where lengths of the three of its sides are obtained as inputs from the user.
4. Write a JavaScript program to get the website URL
5. Write a JavaScript function that reverse a number.
6. Write a JavaScript function that accepts a string as a parameter and converts the first letter of each word of the string in upper case.
7. Write a JavaScript function that accepts a string as a parameter and find the longest word within the string.
8. Write a JavaScript function that accepts a string as a parameter and counts the number of vowels within the string.

**// conditional statements and loops**

**1.**Write a JavaScript program that accept two integers and display the larger.

**2.**  Write a JavaScript conditional statement to sort three numbers. Display an alert box to show the result.

**3.** Write a JavaScript for loop that will iterate from 0 to 15. For each iteration, it will check if the current number is odd or even, and display a message to the screen.

**4.**  Write a JavaScript conditional statement to find the largest of five numbers.

**// Javascript Array**

Write a simple JavaScript program to join all elements of the following array into a string.

myColor = ["Red", "Green", "White", "Black"];

1. Write a JavaScript program to sort the items of an array.
2. Write a JavaScript program to add items in an blank array and display the items.
3. Write a JavaScript program to remove duplicate items from an array (ignore case sensitivity).
4. We have the following arrays

color = ["Blue ", "Green", "Red", "Orange", "Violet", "Indigo", "Yellow "];  
o = ["th","st","nd","rd"]  
Write a JavaScript program to display the colors in the following way :  
"1st choice is Blue ."  
"2nd choice is Green."  
"3rd choice is Red."

1. There are two arrays with individual values, write a JavaScript program to compute the sum of each individual index value from the given arrays.

array1 = [1,0,2,3,4];  
array2 = [3,5,6,7,8,13];  
Expected Output :   
[4, 5, 8, 10, 12, 13]

**// JavaScript regular expression**

1. Write a JavaScript program to test the first character of a string is uppercase or not.
2. Write a JavaScript program to check a credit card number ( format 9999-9999-9999-9999 ).
3. Write a JavaScript program to search a date (format dd/dd/dddd) within a string.    
   Sample string : "Albert Einstein was born in Ulm, on 14/03/1879."

**// JavaScript object**

1. Write a JavaScript program to delete a property from an object. Also print the object before or after deleting the property.
2. Write a JavaScript program to get the length of an JavaScript object.
3. Write a JavaScript program which returns a subset of a string.

*Sample Data :*dog  
Expected Output : ["d", "do", "dog", "o", "og", "g"]

**General**

1. Once I open the page, the file should take my name through prompt and it should display using innerHTML paragraph tag (with some CSS - background color - green) after 5 seconds, the css of the para tag should turn to reddisplay a countdown timer - get the value from text box - start timer and stop timer buttonsvalidate the above textbox value using isNaN.
2. Create an custom object of DAC students ( name, rollno, mark set the value from text boxes have button – add create an array of it and display it in table.