**Day 5 Lab Assignments**

**Please do these assignments:**

1. Create array that contain some tips about JavaScript (Array of 10 strings, each string is tip about JS), and show random tip for the user each time he opens the page "Tip of the day".
2. Make a button that display the current date and time in local format on the page.
3. Use Try catch to handle any errors in your page.
4. Show prompt that ask user to enter the date of today and tell user to enter the date in the following format (DD – MM – YYYY) ex. 22–01–1999, and then create function that take user input as a parameter and ensure that the string is entered in this format (that user entered string is 10 characters and contains (-) after the second character and after fifth character). If the user input was correct: make the function create new date object, and initialize it with Day, Month, year values (using date constructor: Date(y,m,d)) and then show alert to the user with the date in date string format. If user input wasn't correct, show alert saying "Wong Date Format". Create button “show date” that calls the function. (use string functions).
5. Make a function that accepts array and number and return how many times this number found in the array
6. Make a function that accept array and character then remove this character from the array
7. Make function that accepts array and return the maximum number in the array.

**Bonus assignments:**

1. In assignment No.4, make the function if user entered date format is correct initialize the date object with this date and make the function return the date object, and if it isn’t in correct format throw an exception, and use another function to call the previous function and handle this exception using (Try Catch), and show alert that shows description for the error if the date entered by user isn’t valid.
2. Try to handle the previous exception using onError Event.
3. Make function to sort array numerically in JavaScript, and explain how does it work?

**<Script> document.write(“Thank YOU”) </Script>**