**Day 2 Lab Assignments**

**Please do the following 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. Ask the user to choose the color he want to use to display the date (Give him choices: (r) red, (b) blue, (g) green) and he enters the letter of color and use associative array to map his entered letter to color (if he entered r, use red color,…etc) use regular expressions , and then display this text: "Current Date:" in bold font, and next to it the current date value in local format using the color he choose. (Don’t use HTML tags, and don't use if condition or switch to check the color).
4. Show prompt that ask user to enter his birth date 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).[Don't use RegExp, use string functions].
   1. 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.
   2. If user input wasn't correct, show alert saying "Wrong Date Format".
   3. Create button “show date” that calls the function.
5. Use Try catch and onError to handle any errors in your page.

Bonus:

* Prompt user to enter his Full Name and email address, and use regular expression only (don't use string functions) to validate his input to make sure it is in correct format using these criteria:

1. Full Name should be characters only (without numbers or special characters) and has the following structure:
   * Characters (alphabetic only) more than 3.
   * And souldn’t start or end with spaces or special characters
2. Email must be from .eg domain, for example [name@domain.com.eg](mailto:name@domain.com.eg) (.com.eg, .net.eg, .edu.eg or .org.eg [.eg is a must], don’t allow any other domains).
3. Make the prompt appear to the user for each of the inputs until he enters correct format.

* Ask the user to enter his mobile number in International format for the Egypt Code (00201xxxxxxxxx) format use regular expression to validate Mobile no. entered by the user, to be 14 numbers (not letters), and starts with: Egypt code (002) and after it (010 or 012 or 011), then the rest of the number (8 digits).

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