

## Day 3 Lab Assignments

### Please do these assignments:

1-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:

- a. Full Name should be characters only (without numbers or special characters) and has the following structure:
  - Characters (alphabetic only) more than 3.
  - Then one space.
  - And finally some other characters (alphabetic only) more than 3
  - This pattern may be repeated, so it can contain other spaces but after each space must be 3 alphabetic characters at least (like full name, each part is 3 letters at least, and separated by a space).
  - And shouldn't start or end with spaces or special characters.
- b. Email must be from Egypt (.eg domain), for example [name@domain.com.eg](#) (.com.eg, .net.eg, .edu.eg or .org.eg [.eg is a must], don't allow any other domains).
- c. Make the prompt appear to the user for each of the inputs until he enters correct format (Repeat the prompt for each wrong input of each one until he enters it correctly).

2- Make a button (Start clock), that showing alert saying "Clock Started" and displays clock with current time in local format (time only without date) updated every second.

- a. Handle the onclick event of the (start clock) button using JavaScript (Not in the input tag).

3- Make a link that on its onClick event opens new window after 3 seconds, and write long paragraphs on it. Also, make another link that closes this page and make two radio button to change background color of new window and focus new window.

### Bonus assignments:

1- In assignment (2) stop the clock when user press (w) instead of (alt+w).

- a. Cancel event Bubbling on the page, so on assignment No.2, if the user presses (w) letter in the textbox (the cursor is in the textbox), it alerts the key code only, but don't stop the clock, and stops only if press (w) letter on the document (when the cursor isn't in the textbox).

2- Make a countdown timer for your graduation date, that calculates months, days, hours, minutes and seconds remaining for your graduation, and update the counter every second.

3- Make the home page when unloaded [put link to another page, don't close the page from the browser] show alert saying “Thanks for Visiting My Website” (search for the suitable event, and handle the event using JS, not in HTML tags).

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