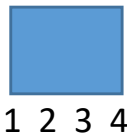# ADP LAB – INTRODUCTION TO JAVASCRIPT - EXERCISES
(10-05-2023)

Learn to Use *functions, events, variables, strings, DOM, styles, conditional/logical operators, loops, alert/prompt boxes*:

Note: Use CSS box model only for webpage layouts. (float, display:inline-block, display:flex,…)

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1. Write a JavaScript function that grabs the style of a <p> element and changes it to some other style in the *onmouseover* event and returns to its initial style *onmouseout* event. In the *onclick* event, open an *alert box* that confirms the click and increments a click counter.

2. Imagine there are 4 images to be displayed (as in image slide show) at the same location. The default image is 1.jpg (when the page loads, <body onload=default()>). Upon clicking the numbers, the corresponding images should be loaded.

1 2 3 4

3. Create a simple HTML form with a **two text boxes** and **validate button**. The first text box has the **NLP captcha** in the readonly mode. User enters the captcha value in the second text box and submits for validation. Call a JS function that validates the captcha, and returns *true*, otherwise returns a *false* and clears the contents of the second text box.

    OR

    Upon submission, Compare two strings entered in two text boxes, and if both are the same, return true, else, return false.

4. Let the user select a theme (a theme is a style sheet with a unique label/file) from a dropdown menu / list items (arranged horizontally or vertically) and submit it. Apply the theme according to the selection. Save each theme as a separate CSS stylesheet.

5. Consider a webpage with a form that has all possible form element types. Upon submission (use a submit button, make the action=””) gather all the form data (name-value pairs) using *document.getElementById* and display the name-value pairs in the same page / in a new page (using target=_blank) in a HTML Table (three columns - element type, name, value)

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