

## JavaScript

**Assignment:** 01 – Create a Log in and out Application with JavaScript

**Course Value:** 15%

**Due Date:** 11:59 pm – Day before our next session

### Assignment Description:

Create a log in and out application with HTML / CSS and JavaScript.

### Instructions:

#### 1. Folder & File Structure

- a. Use the starter folder and files provided
  - b. Work ONLY on the scripts.js file
2. Create a "script.js" file and place it inside the "scripts" folder
  3. Attach the "script.js" to the "index.html" file

#### 4. Write the JavaScript code that does the following:

- a. When the user clicks the "Log In" button perform the following:
  - i. Prompt the user for a name using a "prompt()" box
  - ii. Output a message to the HTML page that says the following:
    1. "Hello [username]. Click the button below to log out."
      - a. Replace [username] with name the user entered in the prompt box
  - iii. Hide and disable the login button
    1. Try the following JS code to hide and disable the button
      - a. [the log in button].style.display = 'none'; // hide
      - b. [the log in button].setAttribute('disabled', 'disabled'); // disable
        - i. Replace [the log in button] with the variable you are using to store the login button
  - iv. Show and enable the logout button
    1. Try the following JS code to show and enable the button
      - a. [the log out button].style.display = 'block'; // show
      - b. [the log out button].removeAttribute('disabled'); // enable
        - i. Replace [the log out button] with the variable you are using to store the login button

- b. When the user clicks the "Log Out" button perform the following:
  - i. Confirm with the user that they want to log out using a "confirm()" box
  - ii. If the user clicks "Ok" do the following:
    - 1. Output a message to the HTML page that says the following:
      - a. " You are now logged out. Click the login button to log in again."
    - 2. Hide and disable the logout button
      - a. Try the following JS code to hide and disable the button
        - i. [the log out button].style.display = 'none';
        - ii. [the log out button].setAttribute('disabled', 'disabled');
        - 1. Replace [the log out button] with the variable you are using to store the login button
    - 3. Show and enable the login button
      - a. Try the following JS code to show and enable the button
        - i. [the log in button].style.display = 'block';
        - ii. [the log in button].removeAttribute('disabled');
        - 1. Replace [the log in button] with the variable you are using to store the login button
  - iii. If the user clicks "Cancel" or presses the "Esc" key do the following:
    - 1. Output a message to the HTML page that says the following:
      - a. " You cancelled the log out. You are still logged in."

**5. When the above steps are complete do either of the following:**

- a. If you finish during the afternoon lab, show your completed assignment for marking
- b. If you finish outside of class time then go to the Learning Hub and find the drop box for Assignment 01.
  - i. Zip up your code
    - 1. Make sure to include the HTML, CSS and the JavaScript files
  - ii. Upload your code to the drop box

**Notes:**

- Email me at [gabbie\\_bade@bcit.ca](mailto:gabbie_bade@bcit.ca) if you have any questions

**Marking Criteria:**

- Late submissions warrant a 2-marks deduction.
- A grade of Zero will be issued for assignments that are submitted 2 days (or more) after the deadline.
- If you are unable to submit your assignment, please notify me ahead of time.
- Please refer to the assignment rubric on the Learning Hub for more information.