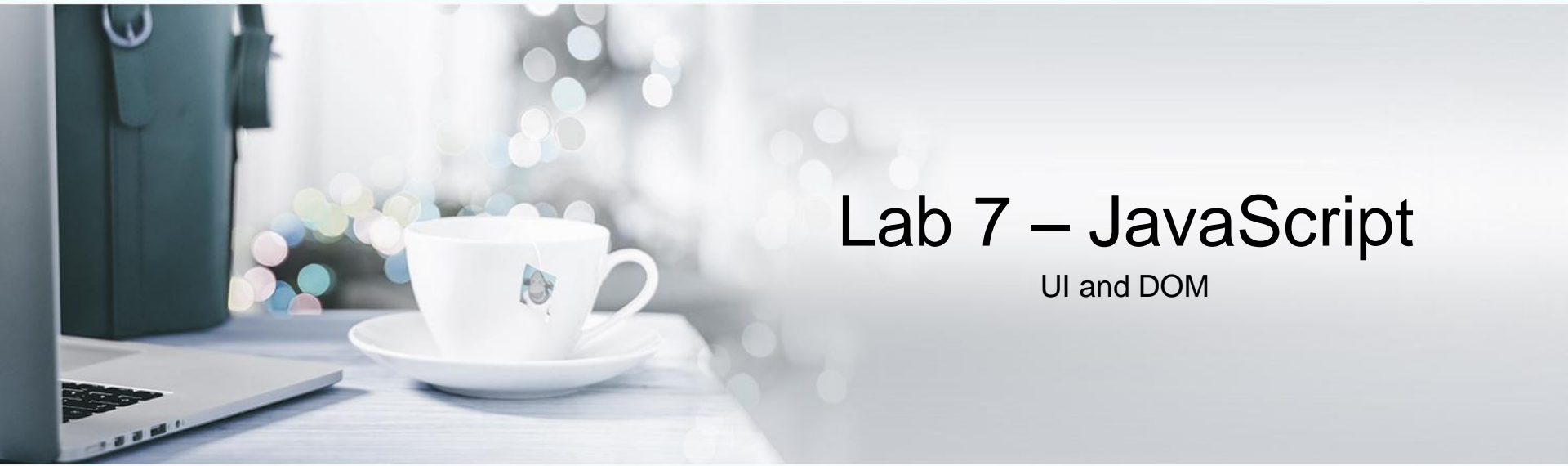# Web Programming

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Lab 7 – JavaScript

UI and DOM

Contents

Problem 1. Gallery

Create a tabbed image gallery with CSS and JavaScript.

Note: click on a small image to expand it.

Problem 2. Overlay

Create an overlay effect. **Note:** the overlay is opened when clicking on a "Menu" button.

Problem 3. Alert Messages

Alert messages can be used to notify the user about something special: danger, success, information or warning.

Create alert messages automatically disappearing after 5 seconds or when clicking on a quit symbol.

Danger! Indicates a dangerous or potentially negative action. ✕

Success! Indicates a successful or positive action. ✕

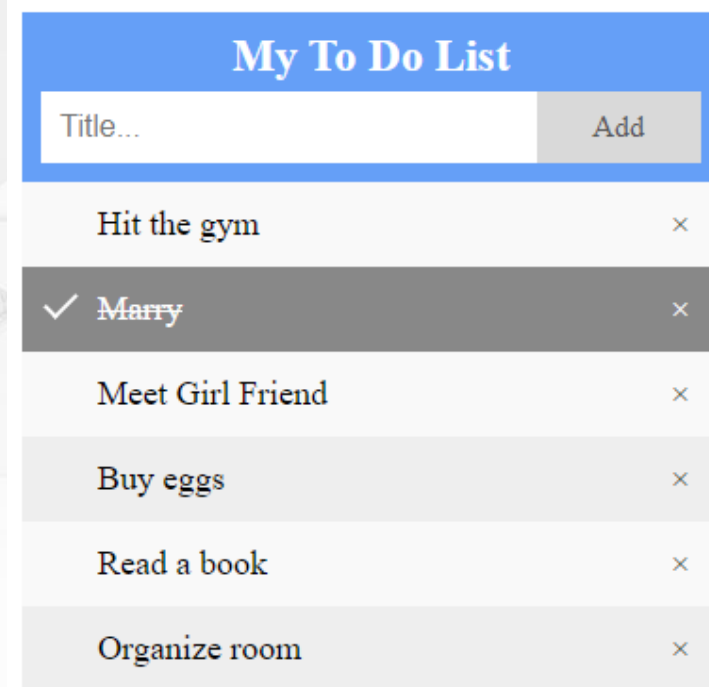**Info!** Indicates a neutral informative change or action. ✕

Warning! Indicates a warning that might need attention. ✕

Problem 4. Create a To Do List

Use CSS and JavaScript to create a "to-do list" to organize and prioritize your tasks.
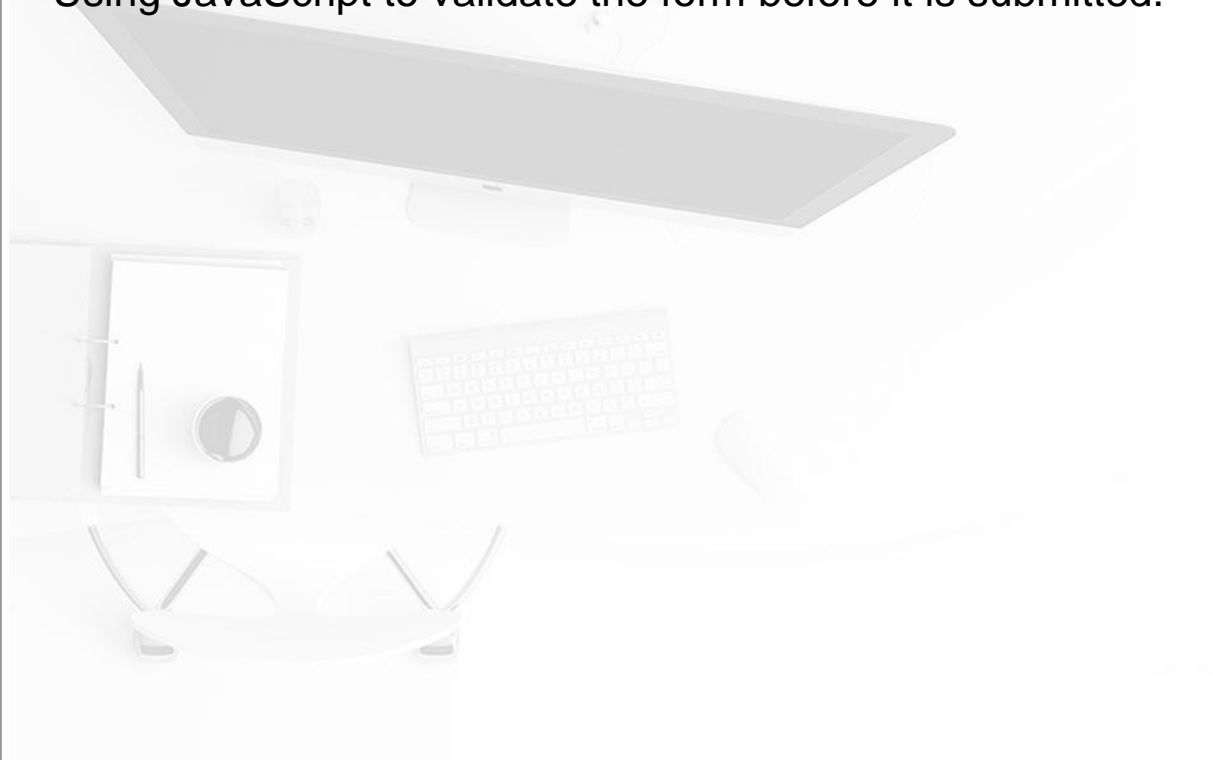
Problem 5. Form Validation

Using JavaScript to validate the form before it is submitted.

Full Name*	Enter your full name Please input your name
Email*	Enter your email Please input your email
Password*	Enter your password Please input your password (min-length = 6)
Confirm Password*	• It does not match your password
Phone number*	Enter your phone number (only numbers)
Address	
City	Enter your City **State** Enter your State
Zip/Postal Code	Enter your Zip/Postal Code
Country	[Select your country]
Birthday	mm/dd/yyyy
Gender	Male
Starting date	○ Spring ○ Summer
Comments	Please send us more information
	Submit

Problem 6. Full screen Overlay Navigation

Fullscreen Overlay Nav Example

Click on the element below to open the fullscreen overlay navigation menu.

☰ open

Create a full screen overlay navigation menu.

Normal   **Open Button is clicked**

Fullscreen Overlay Nav Example   ✕

Click on the element below to open the fullscreen overlay navigation menu.

☰ open

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