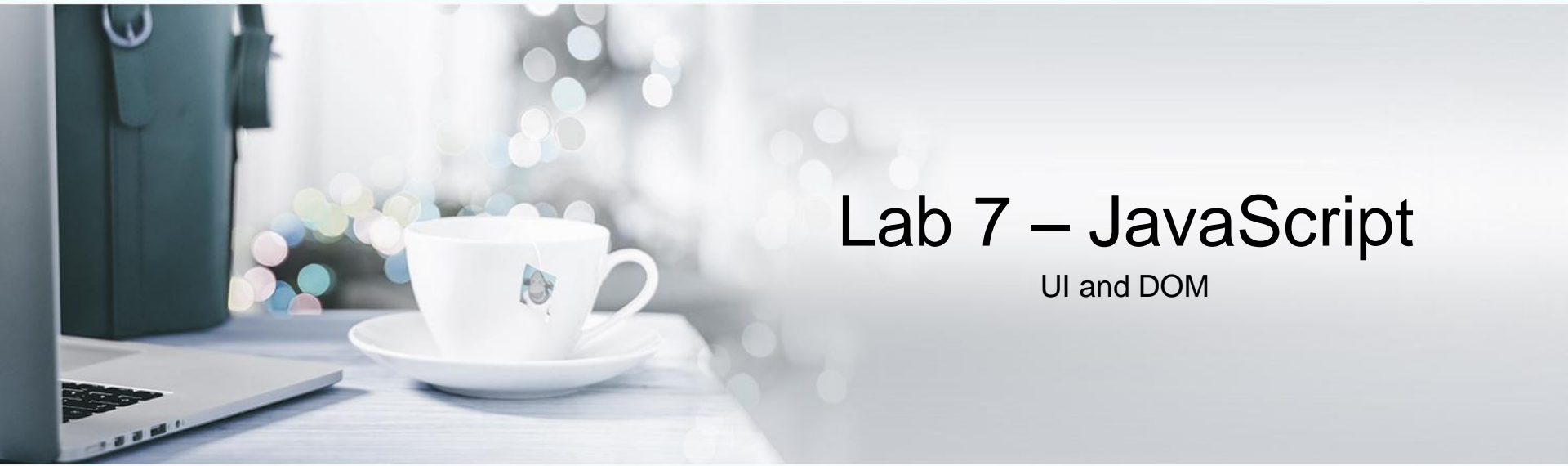




# Web Programming

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# Lab 7 – JavaScript

UI and DOM

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# 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.

The screenshot shows the jQuery Fancybox plugin website. At the top, there's a dark header with the text "jQuery plugin for responsive and accessible modal windows and tooltips". Below this are two buttons: "Download" and "View project on GitHub". The main content area has a "Demo" section with tabs for "BASIC", "FADE", "FADE & SCALE", and "SLIDE". The "FADE & SCALE" tab is selected. Below the tabs, there's a "Features" section with a list of bullet points. A modal window titled "Fade & scale example" is open, displaying the following code:

```
$('#fancyboxscale').popup({
  transition: 'all 0.3s'
});

#fancyboxscale {
  transform: scale(0.8);
}
.popup_visible #fancyboxscale {
  transform: scale(1);
}
```

At the bottom of the modal, there are two buttons: "Next example" and "Close". The background of the website is slightly dimmed to show the modal.

jQuery plugin for responsive and accessible modal windows and tooltips

Download View project on GitHub

Currently v1.7.13

## Demo

BASIC FADE FADE & SCALE SLIDE

## Features

- **Positioned with CSS:** Overlays are horizontally centered even if their height change.
- **Suitable for responsive web design:** Overlays have a flexible minimum and maximum width and height.
- **Always visible:** If the height of the overlay exceeds the content from being unreachable.
- **Accessible:** Keyboard navigable using **Tab** key.
- **Device independent:** Works well on desktops, tablets, most modern phones and other devices. Optimized and tested in all modern browsers including IE7+, and in new versions of popular screen readers including JAWS, NVDA, and VoiceOver.
- **Flexible and customizable:** Supports multiple popup instances, custom CSS3 animations and transitions...

## Usage

```
<!doctype html>
<html lang="en">
```

# 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.

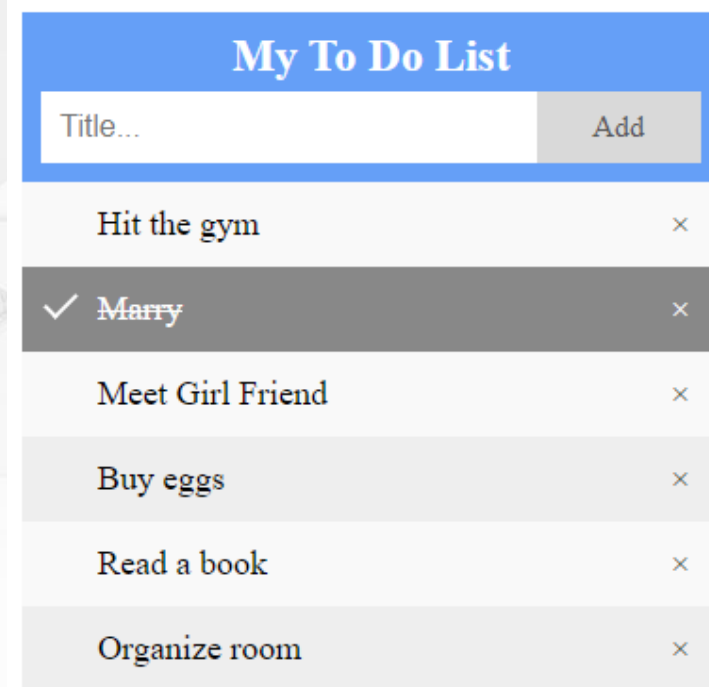


**Warning!** Indicates a warning that might need attention.



# Problem 4. Create a To Do List

Use CSS and JavaScript to create a “to-do list” to organize and prioritize your tasks.

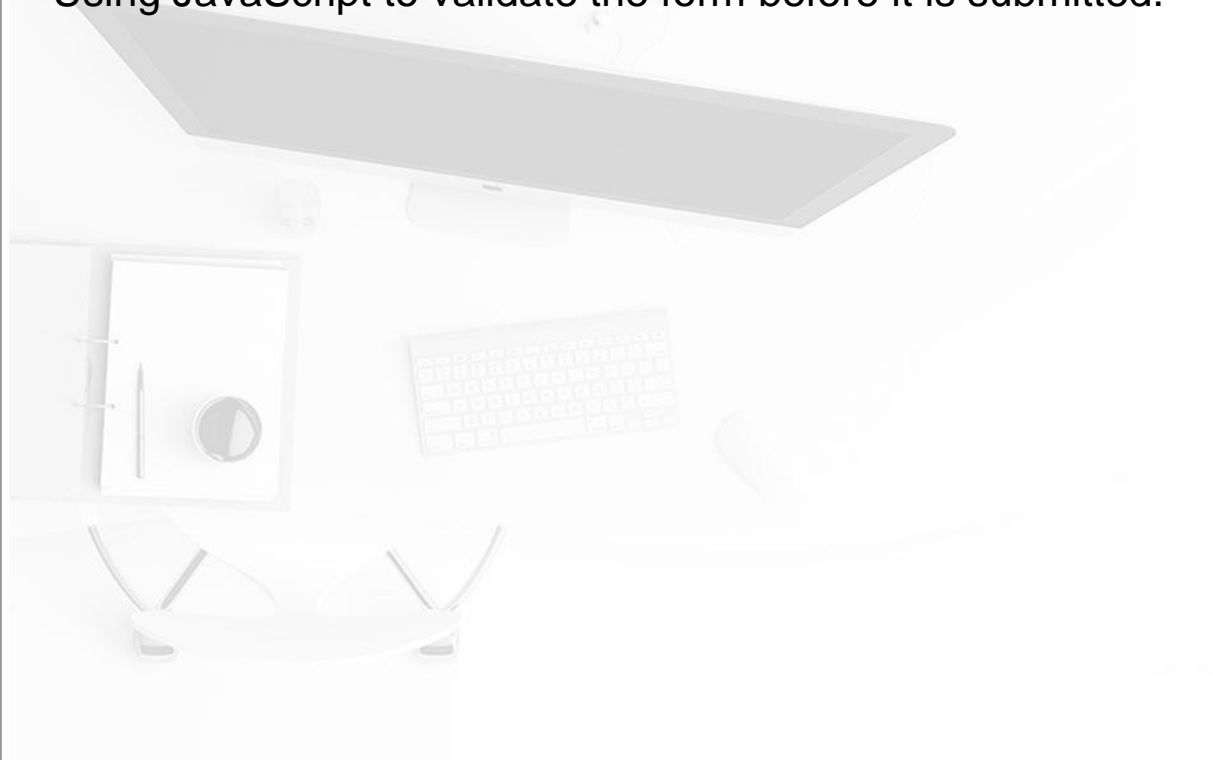


My To Do List	
<input type="text" value="Title..."/>	Add
Hit the gym	×
✓ Marry	×
Meet Girl Friend	×
Buy eggs	×
Read a book	×
Organize room	×

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

# Problem 5. Form Validation

Using JavaScript to validate the form before it is submitted.





# 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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