

## In-class Activity 9: Image Swap Application DUE: 24/04/2025 16.30

The goal of this activity is to modify an Image Swap application so that it uses effects to display and hide the images.



### Part 0: Download Files

1. Download Activity9.html, Activity9.js, Activity9.css, jquery.js, Activity9\_images.zip and Activity9\_thumbnails.zip.
2. Verify there are no errors in all files.
3. Rename the files to **lastName1lastName2-Activity9.html** **lastName1lastName2-Activity9.js** and **lastName1lastName2-Activity9.css**
4. Review the code in the JS file and make sure you understand it. Run the application, to see how it works by clicking on each thumbnail.

### **Part 1: Modify code**

1. In the JavaScript file, add statements that fade the caption and image out over a duration of one second.
2. Modify the statements that display the new caption and image so the caption and image are faded in over a duration of one second. Then, run the application to see that this doesn't work the way you might expect. Instead, the new caption and image are displayed and then faded out and back in.
3. Add a callback function to the statement that fades out the image. Then, move the statements that display the new caption and image within this function. Now, the old caption and image should fade out and the new caption and image should fade in.
4. Verify there are no errors.

**Part 2: Upload ALL files to your public website. *Make sure to verify that you have no validation errors on the html and CSS pages.***

**Part 3: Turn in your activity.** Upload a zip file from all necessary files to Aybuzem. Place in the Notes the URL of your website.

**SUBMISSIONS WITHOUT THE URLS WILL AUTOMATICALLY RECEIVE ZERO**