

In-class Activity #10: Image Swap Application

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 **Activity10.html**, **Activity10.js**, **Activity10.css**, **Activity10_images.zip** and **Activity10_thumbnails.zip**.
2. Verify there are no errors in all files.
3. Rename the files to ***LastName1LastName2-Activity10.html***, ***LastName1LastName2-Activity10.js*** and ***LastName1LastName2-Activity10.css***.
4. Review the code in the JavaScript file and make sure you understand it. Run the application, to see how it works by clicking on each thumbnail.

Web-Based Application Design and Development (ITIS 3135)**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 yours and your partner's public_html folder and verify the URL.**Part 3: Turn in your activity**

1. Each partner should upload both the .html, *.js and .css files to Canvas, and place in the Comments their URL and partner's name.