
Web-Based Application Design and Development (ITIS 3135)

Activity #9: Image Gallery Application

You will develop an Image Gallery application that displays different images when the user clicks on the links at the top of the page.



Part 0: Download files

1. Download Activity9.zip, which contains **Activity9.html**, **Activity9.js**, **Activity9.css** and **images9 folder**, save it under the Exercise folder on your computer. Then extract the zip file.
2. Verify there are no errors in all files.
3. Rename the files to *LastName-Activity9.html*, *LastName-Activity9.js* and *LastName-Activity9.css*.

Web-Based Application Design and Development (ITIS 3135)**Part 1: Modify code**

1. In the JavaScript file, add an event handler for the *ready()* event method. (Check out how Onload() and document.ready() differs:
<https://api.jquery.com/load-event/>; <https://learn.jquery.com/using-jquery-core/document-ready/>)
2. Use the *each()* method to run a function for each *<a>* element in the unordered list of items. Then, add jQuery code that gets the URL and id for each image and preloads the image. You can get the URL from the href attribute of the *<a>* element, and you can get the caption from the id attribute.
3. Add an event handler for the click event of each link. The function for this event handler should accept a parameter named *evt*. The jQuery code for this event handler should display the image and caption for the link that was clicked. In addition, it should use the *evt* parameter to cancel the default action of the link.
4. Add a jQuery statement that moves the focus to the second link on the page when the page is loaded.
5. Verify there are no errors.

Part 2: Upload files to your Exercise folder in your webpages account

Verify that your final webpage is accessible by going to
<https://webpages.uncc.edu/yourUsername/Exercise/Lastname-Activity9.html>

Part 3: Turn in your activity

1. Log in to Canvas.
2. Go to the Activity #9 Submission link on the Canvas page. Upload the upload the .html, .css and .js files to the submission page.
3. In the Comments textbox of Canvas provide:
 - a. the URL of your html file on the web server. You must provide the correct URL to get credit.