In Lab 1, I learned a fair amount about how to read JSON files and interact with API’s. I unfortunately also learned that it has been quite a while since I took the first level JavaScript which caused me some difficulty in this lab.

Coding conventions I used in this lab include:

* CamelCase variable names
* Spaces around operators
* 5 space tab indentation for code blocks
* Putting curly braces on their own line.

The reason for using these coding conventions is to keep code clean and readable.

The area of the project which gave me the most trouble was figuring out how to deal with the pagination. My approach was to have a function that could be called when the search button was clicked to send the initial query to Flickr as well as when a page number was clicked in order to re-query when the page number had changed. Displaying the initial query worked fine but when it came to paging through the images, I’m not completely sure this works.

The directory structure I used for this application was one I commonly used in other classes. I find it keeps files well organized and allows for finding files easily.

The only known bug in the application is the issues with pagination, I’m not sure if this is a bug as it’s a bit difficult to tell if it’s working. There are times when changing pages that it almost looks as though nothing has changed but then if I advance to a page that is perhaps 2 to 3 pages ahead or behind the current page, it’s easily seen the images change.

Overall, this lab demonstrated that I need to do some reviewing of JavaScript along with styling web pages.

Source for coding conventions.

https://www.w3schools.com/js/js\_conventions.asp