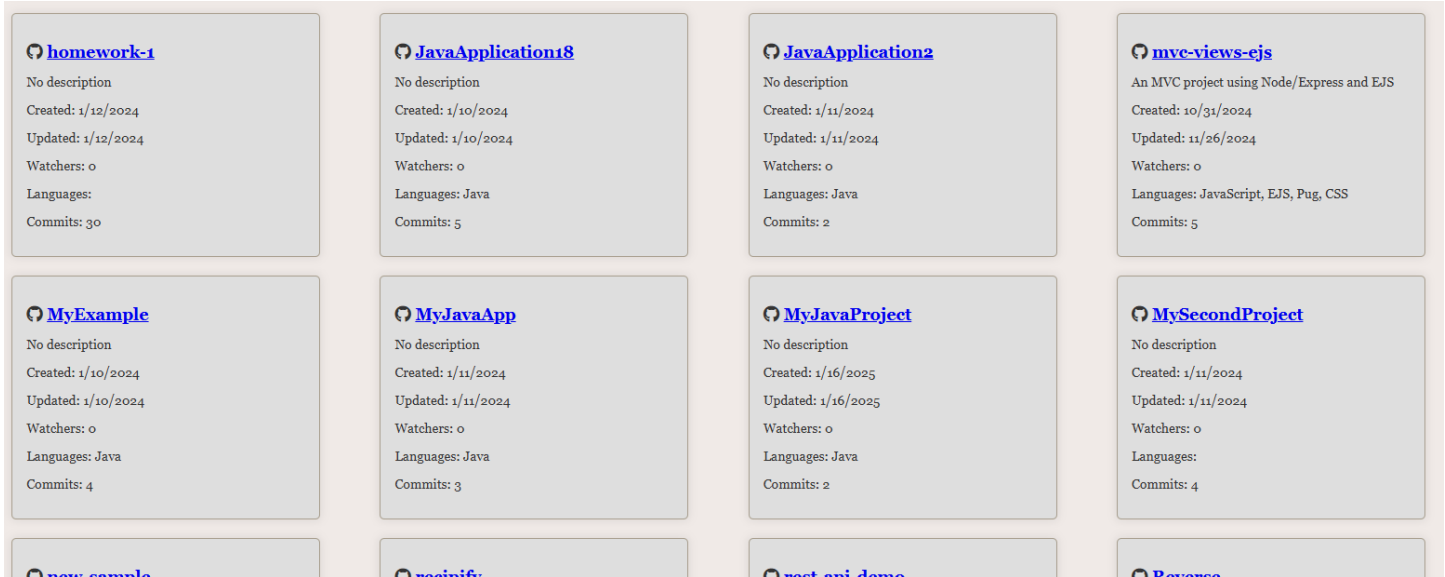


CSC372: Web Development

Individual Assignment 5: GitHub Gallery

Due: Friday, March 21, 2025.

For this assignment, you will practice using the fetch API by building a GitHub Gallery page similar to the one shown below using data from a user's GitHub repositories. The GitHub API is documented here: [GitHub API Documentation](https://docs.github.com/en/rest)



Appearance and style are up to you, but each entry should include the repository name, description, creation date, update date, number of commits, list of languages, and the number of watchers. There should also be a hyperlink that will take you directly to the repository on GitHub. The GitHub icons can be found on Font Awesome. Your page should also include a search field that allows for users to enter a GitHub username then display a gallery of repositories for that username. As a default when the page loads, use your own GitHub profile for the gallery. Limit the gallery to the latest 20 repositories for a user. Needless to say, you should use flex for this gallery.

Note that the GitHub API limits the number of requests to 60 per hour if you do not sign up for an API key.

To submit your work, use your GitHub pages site again. Create a hw5 subfolder for your work. Organize your files so they are easy to locate in subfolders as discussed in class. Do not directly use styles and scripts in the HTML file. All styles should be in .css files, and all scripts should be in .js files.

Be sure to edit the homepage for your GitHub Pages site to include a link to this subfolder, just like you did before. When you push your changes to your github.io repo, your new sub-folder will also be deployed to your GitHub pages website.

Submit on Canvas: the link to your deployed page at github.io. This link should not have "github.com" on it!