

CPSC 473 - Web Front-End Engineering for Internet Applications

Assignment 3 - Spring 2017

Section 2 due February 27. Section 1 due February 22.

In this assignment, you will configure [ESLint](#), work through Chapters 5 and 6 of the textbook, and upload the result to GitHub.

Complete the following:

1. Work through Chapter 5. Verify that your code renders the thumbnail list in the correct direction (horizontal or vertical) in and out of device mode.
2. From the command line, install the ESLint tool with

```
npm install -g eslint
```

then switch to your ottergram/ directory and run

```
eslint --init
```

Answer the config initialization wizard's questions as follows:

```
? How would you like to configure ESLint? Answer questions about your style
? Are you using ECMAScript 6 features? No
? Where will your code run? Browser
? Do you use CommonJS? No
? Do you use JSX? No
? What style of indentation do you use? Spaces
? What quotes do you use for strings? Single
? Do you require semicolons? Yes
? What format do you want your config file to be in? JSON
```

For the question

```
? What line endings do you use?
```

Choose Unix if you are on macOS or Linux.

3. Work through Chapter 6. As you make changes to `main.js`, verify that you see error messages from ESLint.
4. Confirm that clicking each thumbnail changes the detail image and title to match.

5. Complete the *Silver Challenge: Link Hijack*. Place your code in `scripts/hijack.js`.
6. Push the contents of your `ottergram` directory into a new public GitHub repository.

Grading

How to know if the assignment has been successfully completed:

- ✓ When you visit <http://localhost:3000> with `browser-sync` running, do you see the Ottergram page?
- ✓ Depending on the width of the screen, does the appearance of the page match Figure 5.7?
- ✓ Is there a `scripts/` subdirectory?
- ✓ Are you able to change the detail image and title by clicking thumbnails?
- ✓ Do you have a `.eslintrc.json` file?
- ✓ Have you fixed any issues detected by the `linter-eslint` plugin?
- ✓ Have you run the `atom-beautify` plugin?
- ✓ Have you fixed any JavaScript issues displayed in the DevTools Console?
- ✓ If you paste the contents of `scripts/hijack.js` into the DevTools Console while viewing a page, will the links on the page be disabled?
- ✓ Do you have a new repository for this assignment?
- ✓ Have you checked in the changes from this assignment and pushed them to GitHub?