

CPSC 473 - Front-End Engineering - Spring 2018

Homework 0

You should complete the steps in this homework assignment, but the results do not need to be submitted.

1. If you do not already have a personal GitHub account, [create one](#). You can choose the plan with “Unlimited public repositories for free,” since the repositories you create for this course should be public, not private. (It’s not required, but you may also want to sign up for the [Student Developer Pack](#).)
2. Install [Chrome](#), [Atom](#), and the Atom plugins described in [Chapter 1](#) of the textbook.
3. Install a Git client such as [Git](#) or [GitHub Desktop](#).

If are using the Ubuntu MATE virtual machine available from <http://michael.shafae.com/#resources> and want to try GitHub Desktop, you can try downloading and running an [ApplImage](#) from <https://github.com/gengjiawen/desktop/releases>.

4. If you are using the Ubuntu MATE VM and you plan to use the [GitHub for Atom](#) integration, you won’t be able to use the Atom Beta. Use the following shell command to remove it:

```
$ sudo apt remove atom-beta
```

Then download and install the .deb package from <https://atom.io>. (You can install the package by opening it in the GUI.)

5. When you have finished [Chapter 2](#) of the textbook, you should have a simple Ottergram web page that you can view through browser-sync. Work through [A Beginner’s Git and GitHub Tutorial](#) or another GitHub tutorial, then create a repository named ottergram and push your changes to GitHub.
6. If you are running Ubuntu 16.04, you will need to install a newer version of Node.js than the one shipped with the operating system. Use the following shell commands:

```
$ curl -s -L http://git.io/n-install | bash -s -- -y  
$ . $HOME/.bashrc  
$ npm update -g
```

7. Install the command-line ESLint tool with the shell command:

```
$ npm install -g eslint
```

(Note that this is for all platforms, not just the Ubuntu MATE VM, and that depending on your platform you may need to run this command with `sudo`. For the Ubuntu MATE VM, you do *not* need to use `sudo`.)

8. In the directory where you intend to do your work (e.g., `front-end-dev-book`), create the following file:

.eslintrc.js

```
module.exports = {
  "env": {
    "browser": true
  },
  "extends": "eslint:recommended",
  "rules": {
    "indent": [
      "error",
      2
    ],
    "linebreak-style": [
      "error",
      "windows"
    ],
    "quotes": [
      "error",
      "double"
    ],
    "semi": [
      "error",
      "always"
    ]
  }
};
```

Change "windows" to "unix" if you are on macOS or Linux.