Lab 10 – Using a Task Runner with Node.js

Using the provided files, create automated tasks to assist your workflow.

REQUIREMENTS:

1. Use the included package.js file to install the required packages (Node modules).
2. Create a **gulpfile.js** and setup tasks to concatenate and minify your css files whenever you save changes.
3. Create a task to optimize images.
4. Give some better styling to the website (include an optimized image).
5. The final product should be in a folder named "production" with one css file minified.

I will want to see your before and after optimization images, and I will request a style change in one of the dev css files that should be reflected in the production site when the dev file is saved.

You should have your dev version and production version side by side in your browser tabs.

See below for directions on how to get started…

GETTING SETUP:

1. Download the lab folder to your desktop and unzip.
2. Navigate your CLI into the unzipped folder.
3.   Run: **`npm install`**
4. Create gulpfile.js in the same spot (where your package.json file is).
5. Run: **`gulp -v`** to see if Gulp has been installed globally.
   a. If not, run: **`npm install gulp -g`** (add **`sudo`** to the beginning if you are using a Mac.
6. Create a *production* folder at this same level (where the *dev* folder is) and create *css* and *images* folders inside of it.
7. Copy *index.html* from *dev* into *production*. You will need to change the production index.html so that it uses only one stylesheet.