Setting Up Bootstrap 4, Gulp, SASS(SCSS), Partials, and Browser Sync with WebStorm and GitHub Pages

Overview

This project is to make your own personal website with Bootstrap. You should have an F layout for content pages, Z Layout for your homepage, and use images and a table where appropriate for your content. I included the instructions from the previous assignment to set this project up, so you can start from this one that has everything working.

You should have the following pages:
1. Home Page (index.html)
2. About Page (about.html)
3. Project 1 (project1.html)
4. Project 2 (project2.html)
5. Project 3 (project3.html)
6. Contact (contact.html)

Videos for project:
1. Bootstrap F-Layout and Table https://youtu.be/5vVfAyUgjg0
2. Bootstrap Z-Layout Carousel and Tables https://youtu.be/US2veWWX4hY
3. Bootstrap Z-Layout Bottom part https://youtu.be/hOZb45fZYyE

The completed code for this project can be found here:
https://github.com/kaw393939/bootstrap-4-boilerplate

Pre-Requisites
1. *WebStorm Installed*
2. *Node.js Installed*

Project Steps

Step 1 – Clone the project to WebStorm
https://github.com/kaw393939/bootstrap-4-boilerplate

Step 2 – Run npm install in the terminal of the project
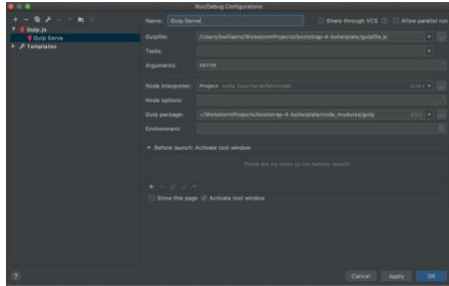## Step 3 – Setup a Gulp Run Configuration in WebStorm

Figure 1 - Put "serve" as the argument

Step 4 – Run the project and view it in the browser

Press the "Play" button in WebStorm to launch the site. Once the site is launched you can edit your site and BrowserSync will automatically refresh your browsers and you can see your changes. You must edit your files in the "src" directory and then Gulp will build your site in the "docs" folder.

Note: You have to run the project to build the files in the docs folder and then push to GitHub

Step 5 – Share your project on GitHub and Turn on GitHub Pages to host it.

1. Click on Settings on the repository
2. Scroll down to see "GitHub Pages" and choose "master branch /docs folder"
3. Make a change to the site using WebStorm and push again to activate the hosting function of GitHub

Your website will be hosted at: https://<yourGitHubID>.github.io/<yourRepo>

Example: https://kaw393939.github.io/bootstrap-4-boilerplate/

Note: You will have to make a 2nd push after you turn on GitHub pages to make it host your website, and it may take a minute or two for it to appear.

Submit your Project

1. Create a new WebStorm project
2. Add a screenshot to your README.MD file that shows the project running with BrowserSync. Put the screenshot in the screenshot folder and use Markdown in you README.MD file display the image on the homepage of your GitHub Repo
3. Share your project on GitHub and push the site to GitHub
4. Submit the project by sending a link to the repository and the site on GitHub pages in the assignment for your course.