# Homework 2

# The Setup

Please read <https://github.com/csulbying/web-app-dev/blob/master/01-setup/setup.md> for detail instructions to setup your development tools, create a Github repository, and how to deploy a git repository to Netlify (https://app.netlify.com/).

# The Submission

## The detail web site requirements are given in the next section. Once you complete it, please create a text file (a file with “.txt” postfix) that has two links, one to your github repository and one to your netlify website. Please submit the text file to the beachboard dropbox.

## Wrong file format, invalid URL, or un-working application is completed and gets 0 point. For example, below is the sample content of your hw.txt (the links are sample links, please change them to your github repository and your netlify site)

https://github.com/your-github-name/your-repository.git

<https://user-specific-part.netlify.com/>

# Homework Requirements

First, create a new repository in your GitHub as described in <https://github.com/csulbying/web-app-dev/blob/master/01-setup/setup.md>.

Then clone the project to your local computer, run the command

*git clone* [*https://github.com/YourName/your-project.git*](https://github.com/YourName/your-project.git)

the URL after “git clone” is your repository url. You should see a new folder that has the same name as your project name.

Now, run Visual Studio code in this folder and create an “index.html” and a CSS file as described in the video series <https://www.youtube.com/playlist?list=PL55RiY5tL51rv_vo3TM3Byu71RYchX_l_>

The following notes describe the procedure and additional learning resources.

<https://github.com/csulbying/web-app-dev/tree/master/02-web-introduction>

<https://github.com/csulbying/web-app-dev/blob/master/03-flexbox-tutorial/flexbox-tutorial.md>

<https://github.com/csulbying/web-app-dev/blob/master/04-advanced-css/advanced-css.md>

Tips: use “!” and a tab to automatically create the initial file content in VS Code.

### You can commit the change (a new file) to the local repository and push to GitHub using the VS Code IDE. You can view your page using the Live Server extension.

After the code is pushed to your GitHub repository, sign up a netlify (<https://www.netlify.com/>) account, create a new site and link the site with your GitHub homework project. Click the deploy, wait several minutes and see your site up and running. The website URL is in the top left of the Netlify page. The responsive web page should look like the following in different screen size:

In screen size of 700px or larger:



In screen smaller than 700px

