

Bootstrap 4 by Example

Lab 1 Instructions

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- 1. Get the Source Code
 - a. If you've already downloaded the source code for the course, please move onto section 2.
 - b. Open a browser and go to https://github.com/WilderMindsCourses/bs4-course
 - c. Click the "Clone or Download" Drop-down.
 - d. Click the "Download Zip" option.

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- e. Save the .zip file wherever you want (or just to the Desktop if you prefer).
- f. Unzip the .zip file.

g. Open the "labs/Lab1/before" directory in your favorite text editor (Visual Studio Code, Visual Studio 2017, Visual Studio for Mac, or other editor like Sublime):

ame	Date modified	Туре	Size
.vscode	2/19/2018 10:41 AM	File folder	
CSS	2/19/2018 10:41 AM	File folder	
img	2/19/2018 10:41 AM	File folder	
js	2/19/2018 10:41 AM	File folder	
contact.html	1/20/2018 3:22 AM	Chrome HTML Do	3 KB
gallery.html	1/20/2018 3:22 AM	Chrome HTML Do	7 KB
index.html	1/21/2018 6:43 PM	Chrome HTML Do	21 KB
package.json	10/16/2017 9:44 PM	Adobe After Effect	1 KB
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- 2. Start the project running
 - a. If you don't have npm/node installed, you'll need to do that step separately (<u>https://nodejs.org/en/</u>)
 - b. Open a console/terminal in the same directory as project.
 - c. Install the dependencies with npm: "npm install":



e. It should launch a browser, if it does not, open a browser at http://localhost:3000/



f. Now you're ready!

- 3. Add Bootstrap 4 to your project
 - a. In the project folder, open up the **index.html** file.
 - b. Open the node_modules folder to find the bootstrap folder:

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- c. In the bootstrap/dist/css folder find the bootstrap.min.css file.
- d. In the header of the index.html file, add a CSS link to that file above the site-wide CSS:

```
<head>
```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<title>Space is Amazing</title>
```

e. In between the end body tag and the end HTML file add, both jQuery and Bootstrap .js files:

</body>

```
<script src="/node_modules/jquery/dist/jquery.slim.min.js"></script>
<script src="/node_modules/bootstrap/dist/js/bootstrap.bundle.min.js"></script>
```

</html>

- f. Note that you only need the slim version of jQuery, but you might want the full version if you need other functionality in jQuery. But Bootstrap doesn't require it.
- g. Return to the browser and you should see that the font has changed (and that's about it).
- h. Notice that the body is made up of three main sections:



i. Wrap all three in a div and set it's class to "container":



j. Go back to the browser and you'll see:



k. Notice that the site is now centered.