

Front End Technologies Week 3 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

- Create a new website using HTML and Bootstrap. The website must include the following:
 - A Bootstrap navbar
 - A Bootstrap styled table
 - A Bootstrap styled form
 - At least 2 pages
 - Bootstrap grid used throughout to format elements
 - Elements should stack vertically when the window is small

Screenshots of Code:

```
index.html X  page1.html  page2.html  bootstrap.css
C:\Users\17027> Documents > Front End Course > Front End Technologies > Week 3 > Week 3 Coding Assignment > index.html > html > body.container
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Cities</title>
7    <link href="node_modules/bootstrap/dist/css/bootstrap.css" rel="stylesheet">
8
9  </head>
10 <body class="container">
11   <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
12     <div class="collapse navbar-collapse" id="navbarNavDropdown">
13       <ul class="navbar-nav">
14         <li class="nav-item active">
15           <a class="nav-link" href="index.html">Home</a>
16         </li>
17         <li class="nav-item">
18           <a class="nav-link" href="page1.html">Chart of My Favorite Cities</a>
19         </li>
20         <li class="nav-item">
21           <a class="nav-link" href="page2.html">Tell Me About Your Favorite Cities</a>
22         </li>
23       </ul>
24     </div>
25   </nav>
26
27   <h1>Cities From Around The World</h1>
28
29   <br>
30
31   <h4>These are some of the greatest cities in the world</h4>
32   <br>
33
34   <ul>
35     <li><b>New York City, New York</b><br>
36     
38     </li>
39   </ul>
40   <br>
41
42   <ul>
43     <li><b>Tokyo, Japan</b><br>
44     <br>
45     
46     </li>
47   </ul>
48   <br>
49
```

```
index.html X  page1.html  page2.html  bootstrap.css
C:\Users\17027> Documents > Front End Course > Front End Technologies > Week 3 > Week 3 Coding Assignment > index.html > html > body.container
25   </nav>
26
27   <h1>Cities From Around The World</h1>
28
29   <br>
30
31   <h4>These are some of the greatest cities in the world</h4>
32   <br>
33
34   <ul>
35     <li><b>New York City, New York</b><br>
36     <br>
37     
39     </li>
40   </ul>
41   <br>
42
43   <ul>
44     <li><b>Tokyo, Japan</b><br>
45     <br>
46     
47     </li>
48   </ul>
49   <br>
50
51   <ul>
52     <li><b>Rome, Italy</b><br>
53     <br>
54     
55     </li>
56   </ul>
57   <br>
58
59 </body>
60 </html>
```

```
index.html | page1.html X | page2.html | # bootstrap.css
C:\Users\17027> Documents > Front End Course > Front End Technologies > Week 3 > Week 3 Coding Assignment > page1.html > html > body.container > nav.navbar.navbar-expand-sm.navbar-dark.bg-dark > div#navbarNavDropdown.collapse
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Cities</title>
7   <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
8 </head>
9 <body class="container">
10
11   <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
12     <div class="collapse navbar-collapse" id="navbarNavDropdown">
13       <ul class="navbar-nav">
14         <li class="nav-item">
15           <a class="nav-link" href="index.html">Home</a>
16         </li>
17         <li class="nav-item active">
18           <a class="nav-link" href="page1.html">Chart of My Favorite Cities</a>
19         </li>
20         <li class="nav-item">
21           <a class="nav-link" href="page2.html">Tell Me About Your Favorite Cities</a>
22         </li>
23       </ul>
24     </div>
25   </nav>
26
27   <h1>A Chart of My Favorite Cities</h1>
28
29   <br>
30
31   <table class="table table-dark table-hover">
32     <tr>
33       <th>City</th>
34       <th>Country</th>
35       <th>Population (million)</th>
36     </tr>
37     <tr>
38       <td>New York</td>
39       <td>USA</td>
40       <td>8.4</td>
41     </tr>
42     <tr>
43       <td>Tokyo</td>
44       <td>Japan</td>
45       <td>13.9</td>
46     </tr>
47     <tr>
48       <td>Milan</td>
```

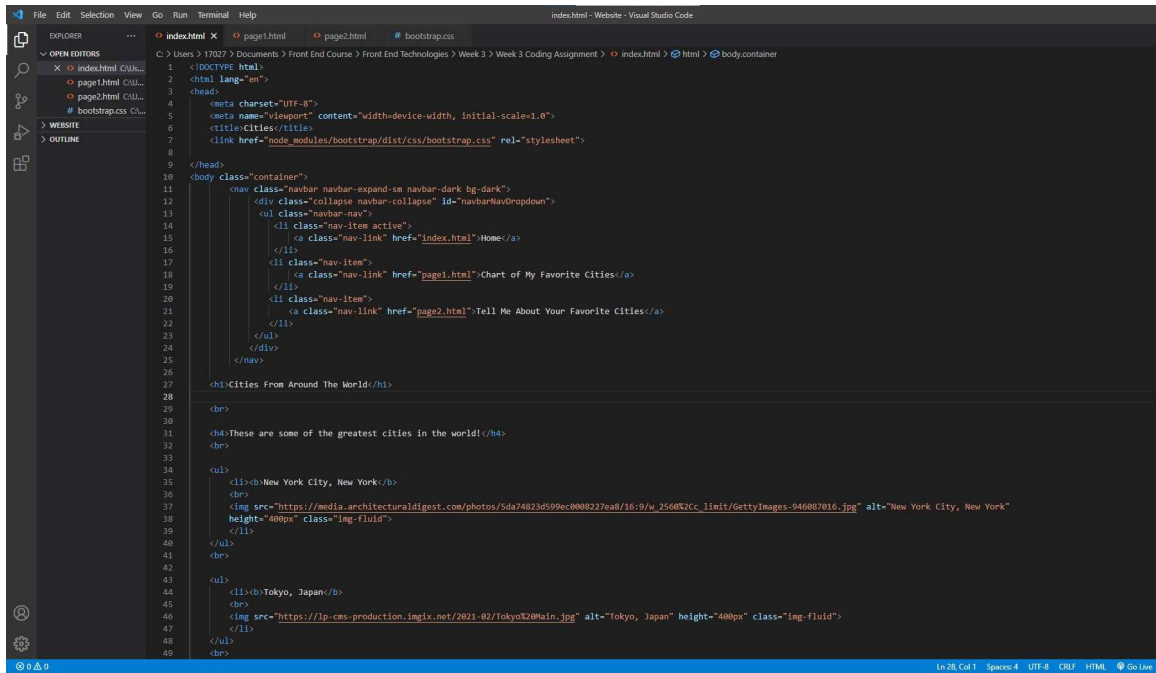
```
index.html | page1.html X | page2.html | # bootstrap.css
C:\Users\17027> Documents > Front End Course > Front End Technologies > Week 3 > Week 3 Coding Assignment > page1.html > html > body.container > nav.navbar.navbar-expand-sm.navbar-dark.bg-dark > div#navbarNavDropdown.collapse
49       <td class="nav-link" href="page1.html">Chart of My Favorite Cities</a>
50     </li>
51     <li class="nav-item">
52       <a class="nav-link" href="page2.html">Tell Me About Your Favorite Cities</a>
53     </li>
54   </ul>
55 </div>
56 </nav>
57
58   <h1>A Chart of My Favorite Cities</h1>
59
60   <br>
61
62   <table class="table table-dark table-hover">
63     <tr>
64       <th>City</th>
65       <th>Country</th>
66       <th>Population (million)</th>
67     </tr>
68     <tr>
69       <td>New York</td>
70       <td>USA</td>
71       <td>8.4</td>
72     </tr>
73     <tr>
74       <td>Tokyo</td>
75       <td>Japan</td>
76       <td>13.9</td>
77     </tr>
78     <tr>
79       <td>Milan</td>
80       <td>Italy</td>
81       <td>1.3</td>
82     </tr>
83   </table>
84 </body>
85 </html>
```

```
index.html  page1.html  page2.html X  # bootstrap.css
C:\Users\17027\Documents> Front End Course > Front End Technologies > Week 3 > Week 3 Coding Assignment > page2.html > html > body.container > form > div.form-group
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Cities</title>
7    <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
8  </head>
9  <body class="container">
10
11    <nav class="navbar navbar-expand-sm navbar-dark bg-dark">
12      <div class="collapse navbar-collapse" id="navbarNavDropdown">
13        <ul class="navbar-nav">
14          <li class="nav-item">
15            <a class="nav-link" href="index.html">Home</a>
16          </li>
17          <li class="nav-item">
18            <a class="nav-link" href="page1.html">Chart of My Favorite Cities</a>
19          </li>
20          <li class="nav-item active">
21            <a class="nav-link" href="page2.html">Tell Me About Your Favorite Cities</a>
22          </li>
23        </ul>
24      </div>
25    </nav>
26
27    <h1>Tell Me About Your Favorite Cities</h1>
28
29    <br>
30
31    <h3>Please list some of your favorite cities in the fields below!</h3>
32
33    <form>
34      <div class="form-group">
35        <input type="text" class="form-control" placeholder="Name of City">
36      </div>
37      <div class="form-group">
38        <input type="text" class="form-control" placeholder="Name of City">
39      </div>
40      <div class="form-group">
41        <input type="text" class="form-control" placeholder="Name of City">
42      </div>
43      <button type="submit" class="btn btn-primary">Submit</button>
44    </form>
45
46  </body>
47 </html>
```

```
index.html  page1.html  page2.html  # bootstrap.css X
C:\Users\17027\Documents> Front End Course > Front End Technologies > Week 3 > Week 3 Coding Assignment > node_modules > bootstrap > dist > css > # bootstrap.css > ...
1  /*
2   * Bootstrap v4.4.1 (https://getbootstrap.com/)
3   * Copyright 2011-2019 The Bootstrap Authors
4   * Copyright 2011-2019 Twitter, Inc.
5   * Licensed under MIT (https://github.com/twbs/bootstrap/blob/master/LICENSE)
6   */
7
8  :root {
9    --blue: #007bff;
10   --indigo: #6610f2;
11   --purple: #6f42c1;
12   --pink: #e83e8c;
13   --red: #dc3545;
14   --orange: #fd7e14;
15   --yellow: #ffc107;
16   --green: #28a745;
17   --teal: #20c997;
18   --cyan: #17a2b8;
19   --white: #fff;
20   --gray: #6c757d;
21   --gray-dark: #343a40;
22   --primary: #007bff;
23   --secondary: #6c757d;
24   --success: #28a745;
25   --info: #17a2b8;
26   --warning: #ffc107;
27   --danger: #dc3545;
28   --light: #f8f9fa;
29   --dark: #343a40;
30   --breakpoint-xs: 0;
31   --breakpoint-sm: 576px;
32   --breakpoint-md: 768px;
33   --breakpoint-lg: 992px;
34   --breakpoint-xl: 1200px;
35   --font-family-sans-serif: -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto, "Helvetica Neue", Arial, "Noto Sans", sans-serif, "Apple Color Emoji", "Segoe UI Emoji", "Segoe UI Symbol", "Noto Color Emoji";
36   --font-family-monospace: SFMono-Regular, Menlo, Monaco, Consolas, "Liberation Mono", "Courier New", monospace;
37 }
38
39 *,
40 *::before,
41 *::after {
42   box-sizing: border-box;
43 }
44
45 html {
46   font-family: sans-serif;
47   line-height: 1.15;
48   -webkit-text-size-adjust: 100%;
49   -webkit-tap-highlight-color: rgba(0, 0, 0, 0);
50 }
```

(There are many pages of the bootstrap.css, so I only included one page.)

Screenshots of Running Application:



```
1 <!DOCTYPE html>
2 <html lang="en">
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6   <title>Cities</title>
7   <link href="node_modules/bootstrap/dist/css/bootstrap.css" rel="stylesheet">
8 </head>
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10 <body class="container">
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12     <div class="collapse navbar-collapse" id="navbarNavDropdown">
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16         </li>
17         <li class="nav-item">
18           <a class="nav-link" href="page1.html">Chart of My Favorite Cities</a>
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20         <li class="nav-item">
21           <a class="nav-link" href="page2.html">Tell Me About Your Favorite Cities</a>
22         </li>
23       </ul>
24     </div>
25   </nav>
26
27   <h3>Cities From Around The World</h3>
28
29   <br>
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31   <h4>These are some of the greatest cities in the world</h4>
32   <br>
33
34   <ul>
35     <li><h5>New York City, New York</h5>
36     <br>
37     
39   </li>
40 </ul>
41   <br>
42
43   <ul>
44     <li><h5>Tokyo, Japan</h5>
45     <br>
46     
47   </li>
48 </ul>
49   <br>
```

URL to GitHub Repository:

<https://github.com/MonicaHunter0812/week3codingassignment>