



## Front End Technologies Week 2 Coding Assignment

**Points possible:** 70

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

1. Style the website you made last week using CSS. Below are the requirements:
  - a. Use only external CSS file (no internal or inline styling)
  - b. Every element must be styled
  - c. Create style rules using class, id, and element selectors



## Screenshots of Code:

### FE-Week2-HW-styles.css

```
FE-Week2-HW-styles.css M < index.html > ↵ 80
E-Week2-HW > # FE-Week2-HW-styles.css > ↵ #box-4
1   body {
2     background-color: #lightgray;
3     font-family: 'Merriweather', serif;
4   }
5 }
6
7 .boxes {
8   padding: 20px;
9   border-style: solid;
10  border-width: 4px;
11  margin: 20px;
12  width: 100%;
13  align-content: center;
14  align-self: auto;
15 }
16
17 #box-model-body {
18   margin: 20px;
19   width: 100%;
20 }
21
22 #box-model {
23   width: 70%;
24   padding: 10px;
25   margin: auto;
26   display: flex;
27 }
28
29 #box-1 {
30   margin: 30px;
31   width: 475px;
32   display: flex;
33   float: right;
34 }
35 #box-1-5 {
36   margin: 30px;
37   width: 475px;
38   display: flex;
39 }
40 #box-2 {
41   margin: 30px;
42   width: 450px;
43   display: flex;
44   float: right;
45 }
46
47 #box-3 {
48   margin: 20px;
49   width: 500px;
50   display: flex;
51 }
52 #box-4 {
53   padding: 10px;
54   margin: auto;
55   width: 60%;
56   display: flex;
57 }
58
59 #box-5 {
60   margin: auto;
61   width: 70%;
62   display: flex;
63 }
64
65 #box-6 {
66   margin: auto;
67   width: 80%;
68   display: flex;
69 }
70
71 #box-skinny {
72   padding: 20px;
73   border-style: solid;
74   border-width: 4px;
75   margin: 30px;
76   width: 200px;
77   align-content: center;
78 }
79
80 #box-square {
81   border-style: solid;
82   border-width: 4px;
83   width: 100px;
84   height: 100px;
85   text-align: center;
86   display: flex;
87 }
88
89 .center {
90   text-align: center;
91 }
92
93 link {
94   font-family: 'Merriweather', serif;
95   font-style: italic;
96 }
97
98 table {
99   border-collapse: collapse;
100  width: 50%;
101  background-color: #plum;
102 }
103
104 h1:hover {
105   background-color: #plum;
106 }
107
108 h2:hover {
109   background-color: #plum;
110 }
111
112 h3:hover {
113   background-color: #pink;
114 }
115
116 h4:hover {
117   background-color: #plum;
118 }
119
120 blockquote {
121   border: 2px solid #teal;
122 }
123
124
125 th,td {
126   padding: 8px;
127   text-align: left;
128   border-bottom: 1px solid #blueviolet;
129   border-left: 2px solid #rebeccapurple;
130 }
131
132 tr:hover {
133   background-color: #pink;
134 }
135
136 tr:nth-child(even) {
137   background-color: #snow;
138 }
139
140
141 th,td {
142   padding: 8px;
143   text-align: left;
144   border-bottom: 1px solid #blueviolet;
145   border-left: 2px solid #rebeccapurple;
146 }
147
148 .hov {
149   height: 200px;
150   width: 200px;
151   background-color: #blue solid #black;
152   border-style: 1px solid #black;
153   border-bottom: 20px;
154 }
155
156 .hov:hover {
157   background-color: #red;
158 }
159
160 .every-even li:nth-child(even) {
161   background-color: #lightpink;
162 }
163
164 .every-third li:nth-child(3n) {
165   background-color: #aqua;
166 }
167
168 img {
169   border-radius: 5px solid #black;
170   padding: 30px;
171   margin: 10px;
172   display: flex;
173 }
174
175 .img:hover {
176   background-color: #yellow;
177   border-radius: 3px solid #black;
178 }
179
180
181 h1 {
182   color: #purple;
183   display: flex;
184   background-color: #snow;
185 }
186
187 align-content: center;
188 border-color: #blueviolet;
189 border-radius: 90px;
190 padding: 15px 32px;
191 border-radius: 5px;
192
193 font-family: 'Corinthia', cursive;
194 }
195
196 h2 {
197   color: #blueviolet;
198   display: flex;
199   font-family: 'Corinthia', cursive;
200   padding: 30px;
201 }
202
203 h3 {
204   color: #paleturquoise;
205   display: flex;
206   font-family: 'Corinthia', cursive;
207 }
208
209 h4 {
210   color: #fuchsia;
211   display: flex;
212   font-family: 'Corinthia', cursive;
213 }
214
215 div {
216   background-color: #silver;
217   border-style: solid;
218   border-color: #blueviolet;
219   border-radius: 90px;
220   padding: 15px 32px;
221   border-radius: 5px;
222 }
223
224 .div-1 {
225   display: flex;
226 }
227
228 p {
229   font-family: 'Corinthia', cursive;
230   font-size: 36px;
231 }
232
233
234 button {
235   border: 2px solid #blueviolet;
236   width: 200px;
237   background-color: #skyblue;
238   display: flex;
239   align-items: center;
240   justify-content: space-between;
241   padding: 15px 32px;
242   margin: 20px;
243   text-align: center;
244   text-decoration: none;
245   font-size: 16px;
246   border-radius: 2px;
247   font-family: 'Dancing Script', cursive;
248 }
249
250 iframe {
251   padding: 5px;
252 }
253
254 .button:hover {
255   background-color: #lightgray;
256   color: #plum;
257 }
258
259 form {
260   border: 2px solid #blueviolet;
261   background: #skyblue;
262   border-style: dotted;
263   width: 550px;
264   /* padding-top: 30px;
265   padding-left: 30px; */
266   padding: 30px;
267 }
268
269 .big-text-30 {
270   font-size: 30px;
271 }
272
273 table {
274   padding: 30px;
275   width: auto;
276 }
277
278 a {
279   font-family: 'Dancing Script', cursive;
280   font-size: 36px;
281   background-color: #skyblue;
282   display: flex;
283   margin: 10px;
284 }
285
286 nav {
287   flex-grow: 3;
288 }
289
290
291 nav ul {
292   display: flex;
293   justify-content: space-around; /* can be sp
294   column-gap: 25px;
295   list-style-type: none;
296 }
297
298 nav ul li a {
299   text-decoration: none;
300   font-weight: 700;
301 }
302
```



# PROMINEO TECH

## index.html:

```
FE-Week2-HW > index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <link rel="preconnect" href="https://fonts.googleapis.com">
9      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10     <link href="https://fonts.googleapis.com/css2?family=Corintha&family=Dancing+Script&family=Open+Sans+Condensed:wght@300&display=swap" rel="stylesheet">
11     <link href="FE-Week2-HW-styles.css" rel="stylesheet">
12     <script src="flashingTitle.js"></script>
13
14 </head>
15 <body>
16
17     <div id="box-model-head">
18         <h1><b>Cello Central</b></h1>
19         <header>
20             <div style="background-image: url('music.jpg');>
21                 background-size: cover; height:150px; padding-top:60px;>
22                 <nav>
23                     <ul>
24                         <li><a href="index.html">Cello Central</a></li>
25                         <li><a href="about.html">About Cello</a></li>
26                         <li><a href="reachMe.html">Available Resources</a></li>
27                     </ul>
28                 </nav>
29             </div>
30         </header>
31         <!--
32             <a href="index.html">Cello Central</a>
33             <a href="about.html">About the Cellos</a>
34             <a href="reachMe.html">Available Resources</a>
35         </div>
36
37     <br>
38
39     <div class="boxes" id="box-model">
40         <h2>Reasons To Play the Cello</h2>
41         <h2 class="big-text-30 center">As described by: <a href="https://consordini.com/reasons-to-play-cello/">8 Reasons To Be Playing the Cello </a></h2>
42
43         <ol class="every-even">
44             <li>The cello is essential to every ensemble</li>
45             <li>Cellos have the most stunning solo pieces</li>
46             <li>The cello is the most versatile string instrument</li>
47             <li>Playing music is good for you</li>
48             <li>The cello produces the best sound</li>
49             <li>You'll never be too old to play</li>
50             <li>The cello makes you stand out</li>
51             <li>The cello has become popular music's go-to string instrument</li>
52         </ol>
53     </div>
54
55     <br><br>
56     <div class="boxes" id="box-4">
57         <h2 class="big-text-30">The Entire String Family</h2>
58         
59     </div>
60
61     <br>
62
63     <div class="boxes" id="box-4">
64         <h2 class="big-text-30">Check out "The cello: An amazing musical instrument"!</h2>
65         <iframe src="FullPageResearchCello.pdf" height="350" width="400"></iframe><br><br>
66     <!--
67         <br><br>
68         <button><a href="cello-coloring-page.pdf" download="cello-coloring-page.pdf"></a>Download Here </button>
69     -->
70     </div>
71     <br><br>
72     <div style="background-image: url('music.jpg');>
73         background-size: cover; height:100px; padding-top:60px;>
74     </div>
75     <br><br><br>
76     </div>
77 </body>
78 </html>
```



# PROMINEO TECH

## about.html:

```
FE-Week2-HW > o about.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <link rel="preconnect" href="https://fonts.googleapis.com">
9      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10     <link href="https://fonts.googleapis.com/css2?family=Corinthe&family=Dancing+Script&family=Open+Sans+Condensed:wght@300&display=swap" rel="stylesheet">
11     <link href="FE-Week2-HW-styles.css" rel="stylesheet">
12     <script src="flushingTitle.js"></script>
13 </head>
14 <body>
15     <div id="box-model-head">
16         <h1>About Cello</h1>
17         <header>
18             <div style="background-image: url('music.jpg');>
19                 background-size: cover; height:150px; padding-top:60px;>
20                 <nav>
21                     <ul>
22                         <li><a href="index.html">Cello Central</a></li>
23                         <li><a href="about.html">About Cello</a></li>
24                         <li><a href="reachMe.html">Available Resources</a></li>
25                     </ul>
26                 </nav>
27             </div>
28         </header>
29         <br><br>
30         <div class="boxes" id="box-5">
31             <h2><span style="text-decoration: underline;">History of the Cello</span></h2>
32             <button>
33                 <a href="https://stagemusiccenter.com/music-school-blog-winchester-ma/2019/9/6/cello-history-fun-facts-and-benefits-of-learning">Click here for Cel
34             </button>
35             
36         </div>
37         <br><br>
38         <br><br>
39         <div class="boxes" id="box-4">
40             <h2><span style="text-decoration: underline;">Fun Facts About the Cello</span></h2>
41             <table>
42                 <tr>
43                     <th>Vocabulary </th>
44                     <th>Definition </th>
45                 </tr>
46                 <tr>
47                     <td><b>1/8, 1/4, 1/2, 3/4, 7/8 or 4/4</b></td>
48                     <td>Sizes of Cellos (4/4 is full-size)</td>
49                 </tr>
50                 <tr>
51                     <td><b>Celli </b></td>
52                     <td>The plural of cello (also "cellos")</td>
53                 </tr>
54                 <tr>
55                     <td><b>Violoncello </b></td>
56                     <td>The word cello is derived from. It means "little violone or little large viola"</td>
57                 </tr>
58                 <tr>
59                     <td><b>The word cello is derived from:</b></td>
60                     <td>violoncello meaning "little violone or little large viola" </td>
61                 </tr>
62                 <tr>
63                     <td><b>Cellist</b> </td>
64                     <td>Someone who plays the Cello, also a violincellist.</td>
65                 </tr>
66             </table>
67         </div>
68         <div class="center">
69             <button><a href="https://kids.kiddle.co/Cello"> Take me to Cello Facts for Kids!</a></button><br><br>
70             <div class="boxes" id="box-5">
71                 <h2><span style="text-decoration: underline;">Cello Fun</span></h2>
72                 <button><a href="https://museprintables.com/download/coloring-page/cello/"> Click here to visit & download a *free* coloring page</a></button>
73                 <iframe src="cello-coloring-page.pdf" height="350" width="300"></iframe><br><br>
74                 <br><br>
75             </div>
76         </div>
77         <br><br>
78         <div class="boxes" id="box-2">
79             <h2><span style="text-decoration: underline;">Cello Sizes</span></h2>
80             
81         </div>
82         <br><br>
83         <div class="boxes" id="box-2">
84             <h2><span style="text-decoration: underline;">Parts of a Cello</span></h2>
85             
86         </div>
87         <br>
88         <div class="center">
89             <button><a href="https://kids.kiddle.co/Cello"> Take me to Cello Facts for Kids!</a></button><br><br>
90             <div style="background-image: url('music.jpg');>
91                 background-size: cover; height:100px; padding-top:60px;>
92                 <div>
93                     <br><br>
94                     <div style="background-image: url('music.jpg');>
95                         background-size: cover; height:100px; padding-top:60px;>
96                         <br><br>
97                         <button><a href="cello-coloring-page.pdf" download="cello-coloring-page.pdf">Download Here </a></button>
98                     </div>
99                 </div>
100             </div>
101         </div>
102         <br><br>
103         <br><br>
104         <br><br>
105     </body>
106 </html>
```



# PROMINEO TECH

## reachMe.html:

```
# FE-Week2-HW-styles.css M  □ Index.html  □ about.html  □ reachMe.html ×
FE-Week2-HW > □ reachMe.html > □ body > □ div > □ div#box-6.boxes > □ table > □ button
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8      <link rel="preconnect" href="https://fonts.googleapis.com">
9      <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin="anonymous">
10     <link href="https://fonts.googleapis.com/css2?family=Corinthisia&family=Open+Sans+Condensed:wght@300&display=swap" rel="stylesheet">
11     <script src="https://unpkg.com/react@17.0.2/umd/react.development.js" type="text/javascript"></script>
12     <script src="https://unpkg.com/react-dom@17.0.2/umd/react-dom.development.js" type="text/javascript"></script>
13 
14 </head>
15 <body>
16     <div>
17         <h1 class="center">Available Resources</h1>
18         <header>
19             <div style="background-image: url('music.jpg'); background-size: cover; height:150px; padding-top:60px;">
20                 <nav>
21                     <ul>
22                         <li><a href="index.html">Cello Central</a></li>
23                         <li><a href="about.html">About Cello</a></li>
24                         <li><a href="reachMe.html">Available Resources</a></li>
25                     </ul>
26                 </nav>
27             </div>
28         </header>
29         <br><br>
30         <div class="box" id="box-3">
31             <h2><span style="text-decoration: underline;">Resource for Cello Music</span></h2>
32             <p>IMSPL, also known as the International Music Score
33             Library Project or Petrucci Music Library, was started
34             in 2006. The logo on the main page is a capital letter A.
35             It was taken from the beginning of the very first printed
36             book of music, the Harmonice Musices Odhecaton. It was
37             published in Venice in 1501 by Ottaviano Petrucci, the
38             library's namesake.</p>
39 
40             <button class="center"><a href="https://imslp.org/wiki/Category:For_cello">Cello Music Resource</a></button> <br>
41         <br>
42     </div>
43 
44     <div class="box" id="box-4">
45         <h2><span style="text-decoration: underline;">Ask a Cello Question: Please answer all of the fields</span></h2>
46         <form>
47             <input type="text" name="firstName" placeholder="First Name"><br><br>
48             <input type="text" name="lastName" placeholder="Last Name"><br><br>
49             <input type="text" name="phone" placeholder="Phone Number"><br><br>
50             <label>Enter your level of cello experience:</label>
51             <input type="radio" name="levelExperience" value="beginner" checked="checked" id="beginner" value="beginner">
52             <label for="beginner">Beginner</label>
53             <input type="radio" name="levelExperience" value="intermediate" id="intermediate" checked="checked" value="intermediate">
54             <label for="intermediate">Intermediate</label>
55             <input type="radio" name="levelExperience" value="expert" id="expert" checked="checked" value="expert">
56             <label for="expert">Expert</label>
57             <input type="radio" name="levelExperience" value="expert" id="expert" value="expert"><br><br>
58             <input type="text" name="questionAboutCello" placeholder="Ask a Cello Question"><br><br>
59             <input type="submit" value="Click Here to Submit Information!"><br><br>
60         </form>
61     </div>
62     <br><br>
63     <div class="box" id="box-5">
64         <h2><span style="text-decoration: underline;">Additional Cello Resources</span></h2>
65         <table>
66             <tr>
67                 <td><a href="https://www.google.com/search?rlz=1C5CHFA_enUS981US982tbs=1f:1,lf_u:10&tbm=lcl&q=find+new+england+string+stores&rflfq=1&num=10&sa=Xwved=2aUKEwUjYKEMHMOu0QjGp6AgELE86&iw=12056b1h=676dpr=2#rflfi=hd;si:;mv:[43,30691179999995,797683429999995,42,1799578,72,612639]";tos:lf:!:m4!lu3!2m!1e1!m4!lu2!2m!1e1!m4!lu3!2m!1e1!m4!lu2!2m!1e1!m4!lu3!3sIAE,lf:1,lf_u:10">New England Stores for Strings</a></td>
68             <td><a href="https://www.google.com/search?rlz=1C5CHFA_enUS981US982tbs=1f:1,lf_u:2l&q=where+to+take+Music+Lessons+on+Strings+in+New+England&rflfq=1&num=10&sa=Xwved=2aUKEwUkC2019X0A&vnn=AKHcAyDlAQjGp6AgECE86&iw=12056b1h=676dpr=2#rflfi=hd;si:;mv:[42,97683429999995,-71,81244419999999,42,2439202,-72,35009];tos:lf:!:m4!lu3!2m!3m!1e1!m4!lu2!2m!1e1!m4!lu3!2m!1e1!m4!lu2!2m!1e1!m4!lu3!3sIAE,lf:1,lf_u:2">String Lessons</a></td>
69             </tr>
70             <tr>
71                 <td><th>Store</th></td>
72                 <td><th>Link</th></td>
73             </tr>
74             <tr>
75                 <td>Johnson Strings, Newton Upper Falls, MA</td>
76                 <td><a href="https://www.johnsonstring.com/">Visit Johnson Strings</a></td>
77             </tr>
78             <tr>
79                 <td>Bows and Bridges, Westford, MA</td>
80                 <td><a href="https://www.bridgesandbows.com/bb/">Visit Bows & Bridges</a></td>
81             </tr>
82         </table>
83     </div>
84     <br><br>
85     <div style="background-image: url('music.jpg'); background-size: cover; height:180px; padding-top:60px;">
86         <br><br>
87         <script src="flashingTitle.js"></script>
88     </div>
89     <br><br>
90     <br><br>
91     <br><br>
92     <br><br>
93     <br><br>
94 </body>
95 </html>
```



URL to GitHub Repository: <https://github.com/sw-dev-lisa-s-nh/FrontEnd-Week2>

## Screenshots of Running Application:

### about.html opened in Chrome:

**Vocabulary**

	Definition
1/8, 1/4, 1/2, 3/4, 7/8 or 4/4	Sizes of Cellos (4/4 is full-size)
Celli	The plural of cello (also "cellos")
Violincello	The word cello is derived from. It means "little violone or little large viola"
The word cello is derived from:	violincello meaning "little violone or little large viola"
Cellist	Someone who plays the Cello, also a violoncellist.

**Fun Facts About the Cello**

**Cello Sizes**

Typical Sizes of Cello  
Academy Cellos      Standard Cellos

Size	Approx. Length (in.)
1/8	18
1/4	36
1/2	54
3/4	72
Full Size	90
4/4	108



# PROMINEO TECH

Continued...

[about.html](#) opened in  
Chrome:

Music for  
Kids!

Parts  
of the  
Cello

Click  
here to  
visit &  
download  
a \*free\*  
coloring.  
page

Cello Fun



# PROMINEO TECH

## index.html opened in Chrome:

Screenshot of index.html in a browser window titled "Front-End Week 1 Coding Assig". The URL is "/Users/lisasmith/Desktop/FESDBootcamp/FrontEnd-Week2/FE-Week2-HW/index.html".

The page has a purple header bar with three items: "Cello Central", "About Cello", and "Available Resources".

The main content area features a large image of musical notes at the top.

**Left Column:**

- A white box containing the text "Reasons to Play the Cello" and "As described by: 8 Reasons To Be Playing the Cello".
- A list of 8 reasons:
  1. The cello is essential to every ensemble
  2. Cellos have the most stunning solo pieces
  3. The cello is the most versatile string instrument
  4. Playing music is good for you
  5. The cello produces the best sound
  6. You'll never be too old to play
  7. The cello makes you stand out
  8. The cello has become popular music's go-to string instrument

**Middle Column:**

- A box titled "The Entire String Family" containing an illustration of various string instruments: ELECTRIC GUITAR, VIOLIN, CELLO, HARP, GUITAR, BANJO, DOUBLE BASS.
- A box titled "Check out 'The cello: An amazing musical instrument!'" containing a screenshot of a research paper titled "Full Length Research Paper: The cello: An amazing musical instrument" by Vincent Lai.

**Bottom Column:**

- A large image of musical notes at the bottom of the page.



reachMe.html opened in  
Chrome:

Cello Central

File | /Users/lisasmith/Desktop/FESDBootcamp/FrontEnd-Week2/FE-Week2-HW/reachMe.html

Available Resources

Cello Central About Cello Available Resources

Resource for Cello Music  
IMSLP, also known as the International Music Score Library Project or Petrucci Music Library, was started in 2006. The logo on the main page is a capital letter A. It was taken from the beginning of the very first printed book of music, the Harmonice Musices Odhecaton. It was published in Venice in 1501 by Ottaviano

Cello Music Resource

Ask a Cello Question:  
Please answer all of the fields

First Name  
Last Name  
Phone Number

Enter your level of cello experience:  
Beginner  Intermediate  Expert

Ask a Cello Question  
Click Here to Submit Information!

Additional Cello Resources  
New England Stores for Strings  
String Lessons

Store	Link
Johnson Strings, Newton Upper Falls, MA	Visit Johnson Strings
Bows and Bridges, Westford, MA	Visit Bows & Bridges

Available Resources