```
1
     <!DOCTYPE html>
 2
     <html lang="en">
 3
        <head>
 4
             <meta charset="utf-8">
 5
 6
             <title>CNIT133</title>
 7
      <!-- This is webpage that contains links to CNIT 133 Homework 5 - Arrays -->
             <meta name="description" content="This is homework 5 main page for CNIT133 using</pre>
 8
             HTML5 and inline CSS">
 9
             <link rel="stylesheet" type="text/css" href="hw5style.css">
10
         </head>
11
12
         <body >
13
             <header style="background-color:#e33c3c">
14
                 <div class="header-container">
15
                     <a class="header-text" href="h5.html" target=" self">CNIT 133 Homework 5
                     - Arrays</a>
16
                     <figure>
                     <a href="https://www.ccsf.edu/" target=" self">
17
18
                     <img src="ccsf ram.gif" alt="ccsf ram logo" width="139" class=</pre>
                     "right-image">
19
                     </a>
20
                     </figure>
                 </div>
21
22
             </header>
23
             <div class="menu-container">
24
                 <nav>
25
                 <a href="index.html" target=" self" class="button">Course Basics</a>
26
                 <a href="hw2.html" target=" self" class="button">JS Basics</a>
27
                 <a href="hw3.html" target=" self" class="button">Functions</a>
                 <a href="hw4.html" target=" self" class="button">Looping Statements</a>
28
                 <a href="hw5.html" target=" self" class="button">Arrays</a>
29
                 <a href="hw6.html" target="_self" class="button">Objects</a>
30
31
                 <a href="hw7.html" target=" self" class="button">DOM and jQuery</a>
                 <a href="hw8.html" target=" self" class="button">Ajax Applications</a>
32
33
                 </nav>
             </div>
34
35
             <div class="submenu-container">
36
                 <div class="submenu-header">
37
                     Homework 5 Part:
38
                 </div>
39
                 <div class="submenu-button">
40
                 <nav>
41
                     <a href="hw5-description.html" target=" self" class="button-two">
                     Description</a>
42
                     <a href="hw5-part1.html" target=" self" class="button-two">Part I</a>
                     <a href="hw5-part2.html" target="self" class="button-two">Part II</a>
43
                     <a href="hw5-part3.html" target="_self" class="button-two">Part III</a>
44
45
                 </nav>
46
                 </div>
             </div>
47
48
             <article>
49
                 <header>
50
                     <hr>>
51
                     <h2 style="color:brown">Homework 5 Instructions on Topic "Arrays"</h2>
52
53
                 </header>
54
                 <section>
55
                 <h3>What you will do:</h3>
56
                 Create a main web page for Homework 5 with:
57
                     58
                         Heading such as CNIT 133 Homework 5 - Arrays.
59
                         Hyperlink to Part 1 with a short description of the part 1.
                         <1i>>Hyperlink to Part 2 with a short description of the part 2.
60
61
                         <1i>>Hyperlink to part 3 with a short description of the part 3.
                         Hyperlink to the main page of the course - Homework 1 web page.
62
```

```
63
                   </111>
 64
                   <br>
 65
               </section>
 66
               <section>
 67
               <h3>Part I:</h3>
68
               Create a web page for part I with:
69
               <l
70
                   A heading.
71
                   Hyperlink to go back to the main Homework 5 page.
 72
                   A form that will contain:<br>
 73
                          An input text box so the user will enter
                      his/her full name. <br>
74
                          A group of radio buttons so the user will
                      select his age group (less than 21; between 21 and 50; older than
                      50.). <br>
75
                          A group of checkboxes so the user will
                      select the browsers he/she has used (Firefox, Edge, Chrome, Safari).
 76
                          A select element or datalist (to produce a
                      drop-down list of choices) so the user will select which type of
                      movie he/she prefers (Action, Comedy, Drama, Documentary, Science
                      Fiction). <br>
77
                   78
                   A button to submit the form.
 79
                   A button to clear the form.
 80
                   <1i>A div or paragraph element that will serve as the output/result area.
                   81
                   <1i>Code a script that will validate whether the user has done the
                   following: <br>
82
                      83
                          Checked one of the radio buttons. <br>
84
                          Checked at least one checkbox<br>
                          Selected an option from the list of options
85
                      in the select (or datalist) element. <br/>
86
                          If one of the data, from the user, is
                      missing, you will show an error message in the output area. <br/>or>
87
                           If ALL the requested data was input by the
                      user, you will write a message in the output area such as "Thanks,
                      your data was submitted!"<br>
88
                   89
               90
               </section><br>
 91
92
               <section>
93
               <h3>Part II:</h3>
94
               Create a web page for part II with:
95
 96
                   A heading.
97
                   Hyperlink to go back to the main Homework 5 page.
98
                   Two pulldown menus:<br>
99
                          First, should utilize an onchange event
                      handler.<br>
100
                          Second, should utilize a button with an
                      onclick event handler to navigate to a page after an option is
                      selected. <br>
101
                          Each pulldown menu should include at least 3
                      URL destinations.<br>
                   102
103
                   <1i>You will code a script for that page that, based on each pulldown
                   menu, will open the selected website, but that selected website should
                   open in ANOTHER TAB/WINDOW.
104
               105
               </section><br>
106
107
               <section>
108
               <h3>Part III:</h3>
109
               The web page for part 3 and the script will be based on the table you see
```

```
110
               Create a web page for part II with:
111
              ul>
112
                  A heading.
113
                  Hyperlink to go back to the main Homework 5 page.
114
                  A button to submit the data.
115
                  A button to clear the form.
116
                  <li>A form with an input text box - the user will use that input box to
                  type the full name of the state or the two-letter abbreviation of the
                  state.
117
                  <1i>A textarea inside the form or a different element (div or paragraph)
                  where you will write the output/result.
118
              119
              You will write a script that:
120
              <l
121
                  	ext{The user will type the FULL NAME or ABBREVIATION of the state he/she}
                  desires to get information. <br/> <br/>
122
                     After the user click the button to get "State Info", you will verify
                     if the state typed by the user exists in your database. 
123
                  If the state does not exist, write a message in the output area
                  saying something as "Sorry, we do not have information about this state!
                  We only have information about...."
124
                  If the state exists, you should present in the output/result area
                  the information from the state required.
125
              126
127
              Here is the table with the information for this part 3:
128
129
              130
                  <caption>Census data</caption>
131
                  <thead>
132
                     \langle t.r \rangle
133
                        State Abbr
134
                        State Name
135
                        Capital
136
                        Population
137
                     </thead>
138
139
                  140
                     141
                        AL
142
                        Alabama
143
                        Montgomery
144
                        4,903,185
145
                     146
                     147
                        AK
148
                        Alaska
149
                        Juneau
150
                        731,545
                     151
152
                     153
                        AZ
154
                        Arizona
155
                        Phoenix
156
                        7,278,717
157
                     158
                     159
                        AR
160
                         Arkansas
161
                        Little Rock
162
                        3,017,825
                     163
164
                     165
                        CA
166
                        California
```

below that shows data about several of our states from the July/2019 census!

```
167
                          Sacramento
168
                          39,512,223
169
                      170
                      171
                          CO
172
                          Colorado
173
                          Denver
174
                          5,758,736
175
                      176
                   177
               178
179
               </section><br><br>
180
181
            </article>
            <article class="solution-box">
182
               <header>
183
184
                   <h2>Homework 5 Code Solution</h2>
185
               </header>
186
               <div class="solution-frame">
187
               <iframe src="hw5.pdf"></iframe>
188
               </div>
               <br><br><br>>
189
190
            </article>
191
192
            <footer style="background-color:#ccccc67">
193
               <br>
194
               <figure>
195
               <div class="footer-text-container">
196
                   <img src="op.jpg" alt="self" width="80" class="rounded-image">
197
                   Teresita Anselm<br>
198
                   City College of San Francisco <br>
199
                   tanselm@mail.ccsf.edu<br>
200
               </div>
201
               </figure>
202
203
               Copyright of Teresita Anselm © 2023 
204
            </footer>
205
206
        </body>
207 </html>
```