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1  <!DOCTYPE html>
2  <html lang="en">
3
4      <head>
5          <meta charset="utf-8">
6          <title>CNIT133</title>
7          <!-- This is webpage that contains links to CNIT 133 Homework 2 - Basic Operations -->
8          <meta name="description" content="This is homework 2 main page for CNIT133 using
          HTML5 and inline CSS">
9          <style>
10             .button {
11                 width: 120px; height: 60px; background-color:#417bcb; border-radius:
12                 20px; color: white;
13                 font-size: 22px; cursor: pointer; display: inline-block; text-align:
14                 center;
15                 padding: 10px; text-decoration: none; overflow: hidden;
16             }
17             .button:hover,
18             .button:focus {
19                 background-color: #e33c3c; border-color: #b64e57 /* changes colors as
20                 user move mouse */
21             }
22             .button-two { /* submenu button*/
23                 width: 150px; background-color: aliceblue; border-radius: 20px; color:
24                 #417bcb;
25                 font-size: 22px; margin: 34px 3px; cursor: pointer; display:
26                 inline-block;
27                 padding: 10px; text-decoration: none; overflow: hidden;
28             }
29             .button-two:hover,
30             .button-two:focus {
31                 background-color: #cccccc67; border-color: #1d0e6b /* changes colors as
32                 user move mouse */
33             }
34             .colored-section {
35                 background-color: #e33c3c;
36                 padding: 2px;
37                 text-align: center;
38             }
39             .footer-text-container { /*footer*/
40                 display:flex; align-items:center; /* vertically center items */
41             }
42             .footer-text-container img {
43                 max-width:100%; margin-right:10px /*space between image and text */
44             }
45             .header-container {
46                 display: flex;
47                 align-items: center; /* vertically center items */
48                 justify-content: space-between; /* push items to edges */
49             }
50             .header-text {
51                 color:#417bcb; font-size: 55px;
52                 flex: 0 0 85%; /* set text to 85% available page width */
53                 text-align: center; text-decoration: none;
54             }
55             .menu-container {
56                 background-color:#cccccc67; padding: 20px 50px; justify-content: center;
57                 align-items: center;
58             }
59             .right-image {
60                 max-width: 100%; /* push image to right */
61             }
62             .right-text {
63                 text-align: right; /* align text to the right */
64             }
65             .rounded-image { /*photo*/
66                 border-radius:50% /* round photo image */

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61     }
62     .solution-box header {
63         width: 100%; padding: 10px; color:brown; text-align:center;
64     }
65     .solution-frame {
66         width: 80%; display: flex;
67         flex-grow: 1; /* allow to grow and fill available verticle space */
68         justify-content: center; align-items: center;
69         margin: 0 auto; /* center solution-frame within solution box */
70     }
71     .solution-frame iframe {
72         width:180%; height: 100%;
73     }
74     .submenu-button {
75         display: flex;
76         background-color: #e33c3c; justify-content: center;
77         height: 100px; width: 100%; align-items: center;
78     }
79     .submenu-container {
80         width: 100%; text-align: center; padding-top: 20px; background-color:
81         #e33c3c;
82         font-weight: bolder;
83     }
84     .submenu-header {
85         color:aliceblue; background-color:#e33c3c;
86         height: 30px; font-size: 30px;
87     }
88 </style>
89 </head>
90 <body >
91     <header style="background-color:#e33c3c">
92         <div class="header-container">
93             <a class="header-text" href="hw2.html" target="_self" class="header-text">
94                 >CNIT 133 Homework 2 - Basic Operations</a>
95             <figure>
96                 <a href="https://www.ccsf.edu/" target="_self">
97                     
99                 </a>
100             </figure>
101         </div>
102     </header>
103     <div class="menu-container">
104         <nav>
105             <a href="index.html" target="_self" class="button">Course Basics</a>
106             <a href="hw2.html" target="_self" class="button">JS Basics</a>
107             <a href="hw3.html" target="_self" class="button">Functions</a>
108             <a href="hw4.html" target="_self" class="button">Looping Statements</a>
109             <a href="hw5.html" target="_self" class="button">Arrays</a>
110             <a href="hw6.html" target="_self" class="button">Objects</a>
111             <a href="hw7.html" target="_self" class="button">DOM and jQuery</a>
112             <a href="hw8.html" target="_self" class="button">Ajax Applications</a>
113         </nav>
114     </div>
115     <div class="submenu-container">
116         <div class="submenu-header">
117             Homework 2 Part:
118         </div>
119         <div class="submenu-button">
120             <nav>
121                 <a href="hw2-description.html" target="_self" class="button-two">
122                     Description</a>
123                 <a href="hw2-part1.html" target="_self" class="button-two">Part I</a>
124                 <a href="hw2-part2.html" target="_self" class="button-two">Part II</a>
125                 <a href="hw2-extra-credit.html" target="_self" class="button-two">Extra
126                     Credit</a>

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123         </nav>
124     </div>
125 </div>
126 <article>
127     <header>
128         <br>
129         <h2 style="color:brown">Homework 2 Instructions on Topic "JS Basic"</h2>
130     </header>
131     <section>
132     <h3>What you should do:</h3>
133         Create a web page using HTML5 with the heading CNIT 133 Homework 2 -
134         Basic Operations heading. This page should contain:<br>
135         <ul class="square-list">
136             <li>Part 1 with a brief description of what you will present in this
137             part</li>
138             <li>Part 2 with a brief description of what you will present in this
139             part</li>
140             <li>Extra Credit</li>
141             <li>Hyperlink to go back to the Homework 1 web page (the main page)
142             </li>
143         </ul>
144         <br>
145     </section>
146     <section>
147     <h3>Part I:</h3>
148         Create a webpage that contains a script to display the following (using
149         document.write()):<br>
150         <ul>
151             <li>The letters xy in strong (bold) font, with font family Times New
152             Roman, and the color red.</li>
153             <li>The numbers 12 that should be written in blue color, and font
154             family Arial.</li>
155             <li>The numbers 89 that should be written in green color, emphasized
156             (in italics), and font family Impact.</li>
157             <li>Each of these pairs should be separated by one blank space.</li>
158             <li>Hyperlink to go back to the Homework 2 main web page </li>
159         </ul>
160         <br>
161     </section>
162     <section>
163     <h3>Part II:</h3>
164         Create a webpage with a form that will have: <br>
165         <ul>
166             <li>Three input boxes for the user to type three integers (numbers)
167             </li>
168             <li>A button to process the data (numbers) typed by the user.</li>
169             <li>A button to clear the form.</li>
170             <li>A textarea to display the results of the process (or it can be a
171             div or paragraph element).
172         </ul>
173         Write the JavaScript code that will:<br>
174         <ul>
175             <li>Receive the data from those three input boxes for the three
176             integers after user click on the button to process the data.</li>
177             <li>Calculate the sum, the average, and the product of the three
178             integers.</li>
179             <li>Calculate the smallest and the largest of the three integers
180             typed.</li>
181             <li>A textarea to display the results of the process (or it can be a
182             div or paragraph element).</li>
183             <li>Present the results of these calculations in the text area.</li>
184             <li>Present an error message in the text area if user does not type
185             NUMBERS in the input boxes</li>
186         </ul>
187         JQuery will be triggered by a button that you will include in the form
188         and when the user clicks on that button, fade results in the textarea.
189         <br>

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173         If the user clicks on the button to calculate the operations, you should
174         remove fade to present the new set of results or the error message.
175         <br><br>
176     </section>
177     <section>
178     <h3>Extra Credit:</h3>
179     This web page should have a script that:<br>
180     <ul>
181         <li>The user will input an amount in U.S. dollars.</li>
182         <li>The script will calculate (do the currency conversion) for each
183         of the currencies displayed in the table above.</li>
184         <li>The amounts should be presented on the same table, on a third
185         column of the table (the column that is titled Value in the table
186         above), and aligned to the right.</li>
187         <li>Each of these pairs should be separated by one blank space.
188     </ul>
189     </section>
190 </article>
191 <article class="solution-box">
192     <header>
193     <h2>Homework 2 Part II Code Solution</h2>
194     </header>
195     <div class="solution-frame">
196     <iframe src="hw2desc.pdf"></iframe>
197     </div>
198     <br><br>
199 </article>
200
201 <footer style="background-color:#cccccc67">
202     <br>
203     <figure>
204     <div class="footer-text-container">
205         
206         <p>Teresita Anselm<br>
207         City College of San Francisco<br>
208         tanselm@mail.ccsf.edu<br></p>
209     </div>
210     </figure>
211
212     <p class="right-text">Copyright of Teresita Anselm &copy; 2023</p>
213 </footer>
214
215 </body>
216 </html>
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