```
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:
                     20px; color: white;
12                   font-size: 22px; cursor: pointer; display: inline-block; text-align:
                     center;
13                   padding: 10px; text-decoration: none; overflow: hidden;
14               }
15               .button:hover,
16               .button:focus {
17                   background-color: #e33c3c; border-color: #b64e57  /* changes colors as
                     user move mouse */
18               }
19               .button-two { /* submenu button*/
20                   width: 150px; background-color: aliceblue; border-radius: 20px; color:
                     #417bcb;
21                   font-size: 22px; margin: 34px 3px; cursor: pointer; display:
                     inline-block;
22                   padding: 10px; text-decoration: none; overflow: hidden;
23               }
24               .button-two:hover,
25               .button-two:focus {
26                   background-color: #cccccc67; border-color: #1d0e6b  /* changes colors as
                     user move mouse */
27               }
28               .colored-section {
29                   background-color: #e33c3c;
30                   padding: 2px;
31                   text-align: center;
32               }
33               .footer-text-container { /*footer*/
34                   display:flex; align-items:center; /* vertically center items */
35               }
36               .footer-text-container img {
37                   max-width:100%; margin-right:10px  /*space between image and text */
38               }
39               .header-container {
40                   display: flex;
41                   align-items: center; /* vertically center items */
42                   justify-content: space-between; /* push items to edges */
43               }
44               .header-text {
45                   color:#417bcb; font-size: 55px;
46                   flex: 0 0 85%; /* set text to 85% available page width */
47                   text-align: center; text-decoration: none;
48               }
49               .menu-container {
50                   background-color:#cccccc67; padding: 20px 50px; justify-content: center;
51                   align-items: center;
52               }
53               .right-image {
54                   max-width: 100%; /* push image to right */
55               }
56               .right-text {
57                   text-align: right; /* align text to the right */
58               }
59               .rounded-image { /*photo*/
60                   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:
                        #e33c3c;
 81                     font-weight: bolder;
 82                 }
 83                 .submenu-header {
 84                     color:aliceblue; background-color:#e33c3c;
 85                     height: 30px; font-size: 30px;
 86                 }
 87         </style>
 88     </head>
 89
 90     <body >
 91         <header style="background-color:#e33c3c">
 92             <div class="header-container">
 93                 <a class="header-text" href="hw2.html" target="_self">CNIT 133 Homework
                    2 - Basic Operations</a>
 94                 <figure>
 95                 <a href="https://www.ccsf.edu/" target="_self">
 96                 <img src="ccsf_ram.gif" alt="ccsf ram logo" width="139" class=
                    "right-image">
 97                 </a>
 98                 </figure>
 99             </div>
100         </header>
101         <div class="menu-container">
102             <nav>
103             <a href="index.html" target="_self" class="button">Course Basics</a>
104             <a href="hw2.html" target="_self" class="button">JS Basics</a>
105             <a href="hw3.html" target="_self" class="button">Functions</a>
106             <a href="hw4.html" target="_self" class="button">Looping Statements</a>
107             <a href="hw5.html" target="_self" class="button">Arrays</a>
108             <a href="hw6.html" target="_self" class="button">Objects</a>
109             <a href="hw7.html" target="_self" class="button">DOM and jQuery</a>
110             <a href="hw8.html" target="_self" class="button">Ajax Applications</a>
111             </nav>
112         </div>
113         <div class="submenu-container">
114             <div class="submenu-header">
115                 Homework 2 Part:
116             </div>
117             <div class="submenu-button">
118             <nav>
119                 <a href="hw2-description.html" target="_self" class="button-two">
                    Description</a>
120                 <a href="hw2-part1.html" target="_self" class="button-two">Part I</a>
121                 <a href="hw2-part2.html" target="_self" class="button-two">Part II</a>
122                 <a href="hw2-extra-credit.html" target="_self" class="button-two">Extra
                    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 -
                 Basic Operations heading. This page should contain:<br>
134              <ul class="square-list">
135                <li>Part 1 with a brief description of what you will present in this
                   part</li>
136                <li>Part 2 with a brief description of what you will present in this
                   part</li>
137                <li>Extra Credit</li>
138                <li>Hyperlink to go back to the Homework 1 web page (the main page)
                   </li>
139              </ul>
140              <br>
141            </section>
142            <section>
143            <h3>Part I:</h3>
144              Create a webpage that contains a script to display the following (using
                 document.write()):<br>
145              <ul>
146                <li>The letters xy in strong (bold) font, with font family Times New
                   Roman, and the color red.</li>
147                <li>The numbers 12 that should be written in blue color, and font
                   family Arial.</li>
148                <li>The numbers 89 that should be written in green color, emphasized
                   (in italics), and font family Impact.</li>
149                <li>Each of these pairs should be separated by one blank space.</li>
150                <li>Hyperlink to go back to the Homework 2 main web page </li>
151              </ul>
152              <br>
153            </section>
154            <section>
155            <h3>Part II:</h3>
156              Create a webpage with a form that will have: <br>
157              <ul>
158                <li>Three input boxes for the user to type three integers (numbers)
                   </li>
159                <li>A button to process the data (numbers) typed by the user.</li>
160                <li>A button to clear the form.</li>
161                <li>A textarea to display the results of the process (or it can be a
                   div or paragraph element).
162              </ul>
163              Write the JavaScript code that will:<br>
164              <ul>
165                <li>Receive the data from those three input boxes for the three
                   integers after user click on the button to process the data.</li>
166                <li>Calculate the sum, the average, and the product of the three
                   integers.</li>
167                <li>Calculate the smallest and the largest of the three integers
                   typed.</li>
168                <li>A textarea to display the results of the process (or it can be a
                   div or paragraph element).</li>
169                <li>Present the results of these calculations in the text area.</li>
170                <li>Present an error message in the text area if user does not type
                   NUMBERS in the input boxes</li>
171              </ul>
172              JQuery will be triggered by a button that you will include in the form
                 and when the user clicks on that button, fade results in the textarea.
                 <br>
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173                    If the user clicks on the button to calculate the operations, you should
                       remove fade to present the new set of results or the error message.
174                    <br><br>
175                </section>
176                <section>
177                <h3>Extra Credit:</h3>
178                    This web page should have a script that:<br>
179                    <ul>
180                        <li>The user will input an amount in U.S. dollars.</li>
181                        <li>The script will calculate (do the currency conversion) for each
                           of the currencies displayed in the table above.</li>
182                        <li>The amounts should be presented on the same table, on a third
                           column of the table (the column that is titled Value in the table
                           above), and aligned to the right.</li>
183                        <li>Each of these pairs should be separated by one blank space.
184                    </ul>
185                </section>
186            </article>
187            <article class="solution-box">
188                <header>
189                    <h2>Homework 2 Code Solution</h2>
190                </header>
191                <div class="solution-frame">
192                <iframe src="hw2.pdf"></iframe>
193                </div>
194                <br><br>
195            </article>
196
197            <footer style="background-color:#cccccc67">
198                <br>
199                <figure>
200                <div class="footer-text-container">
201                    <img src="op.jpg" alt="self" width="80" class="rounded-image">
202                    <p>Teresita Anselm<br>
203                    City College of San Francisco<br>
204                    tanselm@mail.ccsf.edu<br></p>
205                </div>
206                </figure>
207
208                <p class="right-text">Copyright of Teresita Anselm &copy; 2023</p>
209            </footer>
210
211        </body>
212    </html>
```