```html
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;
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                      <h1 class="header-text">CNIT 133 Homework 2 - Basic Operations</h1>
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>
123             </nav>
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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>
173                        If the user clicks on the button to calculate the operations, you should
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                     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 Part II Code Solution</h2>
190                  </header>
191                  <div class="solution-frame">
192                  <iframe src="hw2desc.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>
```