

```

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                 background-color:#417bcb; border-radius:20px; color: white;
12                 text-align:center;
13                 text-decoration: none; display: inline-block; font-size: 20px; margin:
14                 3px 3px; cursor: pointer;
15                 outline:none; transition:0.3s; border: 1px solid transparent; padding:
16                 10px 20px;
17             }
18             .button:hover,
19             .button:focus {
20                 background-color: #e33c3c; border-color: #b64e57 /* changes colors as
21                 user move mouse */
22             }
23             .button-two {
24                 width: 150px; background-color: white; border-radius: 20px; color:
25                 #417bcb;
26                 font-size: 20px; text-align:center; margin: 34px 3px; cursor: pointer;
27                 display: inline-block;
28                 border: 10px; padding: 10px 20px; text-decoration: none; overflow:
29                 hidden;
30             }
31             .button-two:hover,
32             .button-two:focus {
33                 background-color: #cccccc67; border-color: #1d0e6b /* changes colors as
34                 user move mouse */
35             }
36             .center-text{
37                 font-size: 40px; /* make the font larger */
38                 color:rgb(232, 41, 41);
39             }
40             .colored-section {
41                 background-color: #e33c3c;
42                 padding: 2px;
43                 text-align: center;
44             }
45             .footer-text-container { /*footer*/
46                 display:flex; align-items:center; /* vertically center items */
47             }
48             .footer-text-container img {
49                 max-width:100%; margin-right:10px /*space between image and text */
50             }
51             .header-container {
52                 display: flex;
53                 align-items: center; /* vertically center items */
54                 justify-content: space-between; /* push items to edges */
55             }
56             .header-text {
57                 color:#417bcb; font-size: 55px;
58                 flex: 0 0 85%; /* set text to 85% available page width */
59                 text-align: center;
60             }
61             .menu-container {
62                 background-color:#cccccc67;
63             }
64             .right-image {
65                 max-width: 100%; /* push image to right */
66             }

```

```

59     .right-text {
60         text-align: right; /* align text to the right */
61     }
62     .rounded-image { /*photo*/
63         border-radius:50% /* round photo image */
64     }
65     .submenu-container {
66         display: flex;
67         gap: 10px;
68         background-color: #e33c3c;
69         padding: 2px;
70         text-align: center;
71     }
72 </style>
73 </head>
74
75 <body >
76     <header style="background-color:#e33c3c">
77         <div class="header-container">
78             <h1 class="header-text">CNIT 133 Homework 2 - Basic Operations</h1>
79             <figure>
80                 <a href="https://www.ccsf.edu/" target="_self">
81                     
83                     </a>
84                 </figure>
85             </div>
86         </header>
87         <section class="menu-container">
88             <h2 class="center-text">Pick CNIT 133 topic:</h2>
89             <nav>
90                 <a href="index.html" target="_self" class="button">Course Basics</a>
91                 <a href="hw2.html" target="_self" class="button">JS Basics</a>
92                 <a href="hw3.html" target="_self" class="button">Functions</a>
93                 <a href="hw4.html" target="_self" class="button">Looping Statements</a>
94                 <a href="hw5.html" target="_self" class="button">Arrays</a>
95                 <a href="hw6.html" target="_self" class="button">Objects</a>
96                 <a href="hw7.html" target="_self" class="button">DOM and jQuery</a>
97                 <a href="hw8.html" target="_self" class="button">Ajax Applications</a>
98             </nav>
99             <br>
100         </section>
101
102         <div class="submenu-container">
103             <h2 class="center-text" style="color:#417bcf">Pick Homework 2 Part:</h2>
104             <nav>
105                 <a href="hw2-description.html" target="_self" class="button-two">Description
106                 </a>
107                 <a href="hw2-part1.html" target="_self" class="button-two">Part I</a>
108                 <a href="hw2-part2.html" target="_self" class="button-two">Part II</a>
109                 <a href="hw2-extra-credit.html" target="_self" class="button-two">Extra
110                 Credit</a>
111             </nav>
112             <br>
113         </div>
114
115         <article>
116             <header>
117                 <br>
118                 <h2 style="color:brown">Homework 2 Instructions on Topic "JS Basic"</h2>
119             </header>
120             <section>
121                 <h3>What you should do:</h3>
122                 Create a web page using HTML5 with the heading CNIT 133 Homework 2 -
123                 Basic Operations heading. This page should contain:<br>
124                 <ul class="square-list">
125                     <li>Part 1 with a brief description of what you will present in this

```

```

122         part</li>
        <li>Part 2 with a brief description of what you will present in this
        part</li>
123     </li>Extra Credit</li>
124     <li>Hyperlink to go back to the Homework 1 web page (the main page)
        </li>
125 </ul>
126 <br>
127 </section>
128
129 <section>
130 <h3>Part I:</h3>
131 Create a webpage that contains a script to display the following (using
        document.write()):<br>
132 <ul>
133     <li>The letters xy in strong (bold) font, with font family Times New
        Roman, and the color red.</li>
134     <li>The numbers 12 that should be written in blue color, and font
        family Arial.</li>
135     <li>The numbers 89 that should be written in green color, emphasized
        (in italics), and font family Impact.</li>
136     <li>Each of these pairs should be separated by one blank space.</li>
137     <li>Hyperlink to go back to the Homework 2 main web page </li>
138 </ul>
139 <br>
140 </section>
141
142 <section>
143 <h3>Part II:</h3>
144 Create a webpage with a form that will have: <br>
145 <ul>
146     <li>Three input boxes for the user to type three integers (numbers)
        </li>
147     <li>A button to process the data (numbers) typed by the user.</li>
148     <li>A button to clear the form.</li>
149     <li>A textarea to display the results of the process (or it can be a
        div or paragraph element).
150 </ul>
151 Write the JavaScript code that will:<br>
152 <ul>
153     <li>Receive the data from those three input boxes for the three
        integers after user click on the button to process the data.</li>
154     <li>Calculate the sum, the average, and the product of the three
        integers.</li>
155     <li>Calculate the smallest and the largest of the three integers
        typed.</li>
156     <li>A textarea to display the results of the process (or it can be a
        div or paragraph element).</li>
157     <li>Present the results of these calculations in the text area.</li>
158     <li>Present an error message in the text area if user does not type
        NUMBERS in the input boxes</li>
159 </ul>
160 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>
161 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.
        <br><br>
162 </section>
163
164 <section>
165 <h3>Extra Credit:</h3>
166 This web page should have a script that:<br>
167 <ul>
168     <li>The user will input an amount in U.S. dollars.</li>
169     <li>The script will calculate (do the currency conversion) for each
        of the currencies displayed in the table above.</li>
170

```

```
171         <li>The amounts should be presented on the same table, on a third
172         column of the table (the column that is titled Value in the table
173         above), and aligned to the right.</li>
174     </ul>
175 </section>
176 </article>
177 <article>
178     <header>
179         <h2 style="color:brown">Homework 2 Part II Code Solution</h2>
180     </header>
181     <iframe src="hw2.pdf" height="400" width="1000"></iframe>
182     <br><br>
183 </article>
184
185 <footer style="background-color:#cccccc67">
186     <br>
187     <figure>
188     <div class="footer-text-container">
189         
190         <p>Teresita Anselm<br>
191         City College of San Francisco<br>
192         tanselm@mail.ccsf.edu<br></p>
193     </div>
194     </figure>
195
196     <p class="right-text">Copyright of Teresita Anselm &copy; 2023</p>
197 </footer>
198
199 </body>
200 </html>
```