```html
1   <!DOCTYPE html>
2   <html lang="en">
3
4   <head>
5     <meta charset="utf-8">
6     <title>CNIT133 Homework 2 Part Extra Credit</title>
7     <meta name="description" content="This is homework 2 Part extra credit to show money
        exchange computed using JS and scroll flip using ajax">
8     <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.0/jquery.min.js"
      ></script>
9     <script>
10     $(document).ready(function() {
11      $("#flip").click(function() {
12          $("#instructions").toggle("slow");
13      });
14
15      var calculateButton = $("#calculateButton");
16      var resetButton = $("#resetButton");
17      resetButton.click(function() {
18          resetValues();
19      });
20
21      calculateButton.click(function() {
22      var userInput = $("#userInput").val();
23      var userInputElement = $("#userInput");
24
25      if (isNaN(userInput)) {
26        userInputElement.val("Numbers only!").css("color", "red");
27        fadeOutAfterDelay(userInputElement);
28      } else if (userInput === "") {
29        userInputElement.val("Number here!").css("color", "red");
30        fadeOutAfterDelay(userInputElement);
31      } else {
32        calculateExchange();
33          }
34      });
35     });
36
37      function fadeOutAfterDelay(element) {
38        setTimeout(function() {
39        element.val("").css("color", ""); // Clear error message and color
40      }, 1000);
41      }
42      function resetValues() {
43          $("#euro").val(""); // Clear input values
44          $("#canada").val("");
45          $("#hongkong").val("");
46          $("#japan").val("");
47          $("#mexico").val("");
48          $("#userInput").val("");
49      }
50
51      function calculateExchange() {
52        var n1, n2, n3, n4, n5, n6;
53        var euroVal, canadaVal, hongkongVal, japanVal, mexicoVal;
54
55        n1 = parseFloat($("#euroRate").text());
56        n2 = parseFloat($("#canadaRate").text());
57        n3 = parseFloat($("#hkRate").text());
58        n4 = parseFloat($("#japanRate").text());
59        n5 = parseFloat($("#pesoRate").text());
60        n6 = parseFloat($("#userInput").val());
61
62        euroVal = n6 * n1;
63        canadaVal = n6 * n2;
64        hongkongVal = n6 * n3;
65        japanVal = n6 * n4;
```

```
66            mexicoVal = n6 * n5;
67
68         $("#euro").val(euroVal.toFixed(2));
69         $("#canada").val(canadaVal.toFixed(2));
70         $("#hongkong").val(hongkongVal.toFixed(2));
71         $("#japan").val(japanVal.toFixed(2));
72         $("#mexico").val(mexicoVal.toFixed(2));
73      }
74   </script>
75         <style>
76             .button-two {
77                 width: 150px; background-color: #417bcb; border-radius: 20px; color:
                   white;
78                 font-size: 22px; margin: 34px 3px; cursor: pointer; display:
                   inline-block;
79                 padding: 10px; text-decoration: none; overflow: hidden;
80             }
81             .button-two:hover,
82             .button-two:focus {
83                 background-color: #e33c3c; border-color: #1d0e6b  /* changes colors as
                   user move mouse */
84             }
85             .calButton {
86                 background-color: #417bcb; color:white;
87             }
88             .custom-table {
89                 table-layout: fixed;
90                 width: 100%;
91             }
92             .custom-table th, .custom-table td {
93                 border: 4px solid #e33c3c;
94                 padding: 2px;
95                 text-align: right;
96             }
97             .custom-table th{
98                 background-color:#cccccc67; text-align: center;
99             }
100            .custom-table td{ /* center columns in table */
101                text-align: center;
102            }
103            .custom-table th:nth-chile(2),
104            .custom-table td:nth-chile(2),
105            .custom-table th:nth-chile(3),
106            .custom-table td:nth-chile(3) {
107                width: 25%;
108            }
109            .extra-form {
110                align-items: flex-end;
111            }
112            footer {
113                border: 2px solid #e20707;  background-color:#cccccc67
114            }
115            .footer-text-container { /*footer*/
116                display:flex; align-items:center; /* vertically center items */
117            }
118            .footer-text-container img {
119                max-width:100%; margin-right:10px  /*space between image and text */
120            }
121            .header-background {
122                background-color: #e33c3c;  text-align: center;
123            }
124            .header-container { /*header/top most */
125                display: flex;
126                align-items: center; /* vertically center items */
127                justify-content: space-between; /* push items to edges */
128            }
129            .header-text {
```

```css
130            color:#417bcb; font-size: 55px;
131            flex: 0 0 85%; /* set text to 85% available page width */
132            text-decoration: none;
133        }
134        .header-text:hover {
135            color: white ; /* changes colors as user move mouse */
136        }
137        .hwk2box-box {
138            background-color:  #e33c3c; height: auto; padding: 20px;
139            display: flex;
140            align-items:center; /* vertically center align content */
141            justify-content: center; /* horizontally center align content */
142        }
143        .hwk2box {
144            border: #1d0e6b; height: 100%; width: 800px;
145            background-color: white; padding-top :17px; padding-bottom: 17px;
146            text-align:center; display: flex;
147            align-items:center; /* vertically center align content */
148            justify-content: center; /* horizontally center align content */
149        }
150        .input-field {
151            width: 95px;
152            text-align: center
153        }
154        #instructions, #flip {
155            padding: 5px; text-align: center; background-color:#417bcb; border:
                solid 1px #c3c3c3;
156            color: white;
157        }
158        #instructions {
159            padding: 1px;
160            display: none;
161        }
162        .right-image {
163            max-width: 100%; /* push image to right */
164        }
165        .right-text {
166            text-align: right; /* align text to the right */
167        }
168        .rounded-image { /*photo*/
169            border-radius:50% /* round photo image */
170        }
171        .solution-box {
172            border: 2px solid #e20707; padding: 0; margin: 0; display: flex;
173            flex-direction: column;
174            align-items: center; text-align: center;
175            height: 70vh;
176        }
177        .solution-box header {
178            width: 100%; padding: 10px; color:brown;
179        }
180        .solution-frame {
181            width: 80%; display: flex;
182            flex-grow: 1; /* allow to grow and fill available verticle space */
183            justify-content: center; align-items: center;
184            margin: 0 auto; /* center solution-frame within solution box */
185        }
186        .solution-frame iframe {
187            width:180%; height: 100%;
188        }
189        .submenu-container {
190            background-color: black; text-align: center; margin: 0;
191            display: flex;
192            align-items:center; /* vertically center align content */
193            justify-content: center; /* horizontally center align content */
194        }
195    </style>
```

```
196
197        </head>
198
199        <body >
200            <header class = "header-background">
201                <div class="header-container">
202                    <a href="hw2.html" target="_self" class="header-text">CNIT 133 Homework
                       2 - Basic Operations</a>
203                    <figure>
204                    <a href="https://www.ccsf.edu/" target="_self">
205                    <img src="ccsf_ram.gif" alt="ccsf ram logo" width="139" class=
                       "right-image">
206                    </a>
207                    </figure>
208                </div>
209            </header>
210
211        <div class="submenu-container">
212            <nav>
213            <a href="hw2-description.html" target="_self" class="button-two">Desciption
               </a>
214            <a href="hw2-part1.html" target="_self" class="button-two">Part I</a>
215            <a href="hw2-part2.html" target="_self" class="button-two">Part II</a>
216            <a href="hw2-extra-credit.html" target="_self" class="button-two">Extra
               Credit</a>
217            </nav>
218        </div>
219
220        <div class="hwk2box-box">
221            <div >
222            <div class="hwk2box">
223
224                <div id="flip">Click to get instuctions</div>
225                <div id="instructions">
226                    <p>The foreign exchange rates in June 2021.</p>
227                    <p>Enter a dollar amount in the table below to see the corresponding
                       foreign exchange values.</p>
228                </div>
229
230                <table class ="custom-table">
231
232                <tr>
233                <th colspan="3" scope="row">Monetary Exchange Rates</th>
234                </tr>
235                <tr>
236                <th scope="row">Currency</th>
237                <th scope="row">Rate</th>
238                <th scope="row">Value</th>
239                </tr>
240                <tr>
241                <td>Euro</td>
242                <td id="euroRate">0.84</td>
243                <td><input type="text" id="euro" readonly class="input-field"></td>
244                </tr>
245                <tr>
246                <td>Canadian Dollar</td>
247                <td id="canadaRate">1.23</td>
248                <td><input type="text" id="canada" readonly class="input-field"></td>
249                </tr>
250                <tr>
251                <td>Hong Kong Dollar</td>
252                <td id="hkRate">7.76</td>
253                <td><input type="text" id="hongkong" readonly class="input-field"></td>
254                </tr>
255                <tr>
256                <td>Japanese Yen</td>
257                <td id="japanRate">110.80</td>
```

```
258                    <td><input type="text" id="japan" readonly class="input-field"></td>
259                    </tr>
260                    <tr>
261                    <td>Mexican Peso</td>
262                    <td id="pesoRate">19.82</td>
263                    <td><input type="text" id="mexico" readonly class="input-field"></td>
264                    </tr>
265                    <tr>
266                    <td colspan="2"><strong>Enter Amount of U.S. Dollars</strong></td>
267                    <td><input type="text" id="userInput" class="input-field"></td>
268                    </tr>
269
270                    </table>
271                    <button type="button" id="calculateButton" class="calButton">Calculate
                       Exchange</button>
272                    <br>
273                    <button type="button" id="resetButton" class="calButton">Reset</button>
274
275              </div>
276              </div>
277
278        </div>
279
280        <article class="solution-box">
281            <header>
282                <h2>Homework 2 Part Extra Credit Code Solution</h2>
283            </header>
284            <div class="solution-frame">
285            <iframe src="hw2extra.pdf"></iframe>
286            </div>
287            <br><br>
288        </article>
289
290        <footer>
291            <br>
292            <figure>
293            <div class="footer-text-container">
294                <img src="op.jpg" alt="self" width="80" class="rounded-image">
295                <p>Teresita Anselm<br>
296                City College of San Francisco<br>
297                tanselm@mail.ccsf.edu<br></p>
298            </div>
299            </figure>
300            <p class="right-text">Copyright of Teresita Anselm &copy; 2023</p>
301        </footer>
302
303     </body>
304  </html>
```