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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;

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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:
78         white;
79         font-size: 22px; margin: 34px 3px; cursor: pointer; display:
80         inline-block;
81         padding: 10px; text-decoration: none; overflow: hidden;
82     }
83     .button-two:hover,
84     .button-two:focus {
85         background-color: #e33c3c; border-color: #1d0e6b /* changes colors as
86         user move mouse */
87     }
88     .calButton {
89         background-color: #417bcb; color:white;
90     }
91     .custom-table {
92         table-layout: fixed;
93         width: 100%;
94     }
95     .custom-table th, .custom-table td {
96         border: 4px solid #e33c3c;
97         padding: 2px;
98         text-align: right;
99     }
100     .custom-table th{
101         background-color:#cccccc67; text-align: center;
102     }
103     .custom-table td{ /* center columns in table */
104         text-align: center;
105     }
106     .extra-form {
107         align-items: flex-end;
108     }
109     footer {
110         border: 2px solid #e20707; background-color:#cccccc67
111     }
112     .footer-text-container { /*footer*/
113         display:flex; align-items:center; /* vertically center items */
114     }
115     .footer-text-container img {
116         max-width:100%; margin-right:10px /*space between image and text */
117     }
118     .header-background {
119         background-color: #e33c3c; text-align: center;
120     }
121     .header-container { /*header/top most */
122         display: flex;
123         align-items: center; /* vertically center items */
124         justify-content: space-between; /* push items to edges */
125     }
126     .header-text {
127         color:#417bcb; font-size: 55px;
128         flex: 0 0 85%; /* set text to 85% available page width */
129         text-decoration: none;
130     }
131     .header-text:hover {
132         color: white ; /* changes colors as user move mouse */

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

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

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

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