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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 II</title>
7 <!-- This is webpage that contains links to CNIT 133 Homework 2 - Basic Operations -->
8 <meta name="description" content="This is homework 2 Part 2 to show JS code into
  innerHTML property that computes including using ajax">
9
10 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.0/jquery.min.js"
11 ></script>
12 <script>
13 $(document).ready(function() {
14   var resultTextArea = $("#result");
15   var form2Button = $("#form2");
16   var clearButton = $("#clear");
17   var isFaded = false;
18
19   form2Button.click(function() {
20     if (!isFaded) {
21       resultTextArea.fadeOut(1000, function() {
22         // display "New set of result was executed"
23         resultTextArea.val("New set of result was executed");
24         resultTextArea.css("color", "");
25         resultTextArea.fadeIn(1000, function() {
26           // after fading in, trigger form2 function
27           form2();
28         });
29       });
30     } else {
31       resultTextArea.fadeOut("slow", function() {
32         // clear the textarea and remove the fade
33         resultTextArea.css("opacity", 1);
34         resultTextArea.val("");
35         isFaded = false;
36       });
37     }
38   });
39
40   clearButton.click(function() {
41     resultTextArea.fadeIn(100, function() {
42       setTimeout(function() {
43         // display "You have successfully cleared the form"
44         resultTextArea.val("You have successfully cleared the form");
45         resultTextArea.css("color", "");
46         // after a short delay, fade out the message and clear textarea
47         content
48         resultTextArea.fadeOut(1500, function() {
49           // after fading out, clear the textarea content and show textarea
50           resultTextArea.val("");
51           resultTextArea.fadeIn(200);
52           isFaded = false;
53         });
54       }, 200); // adjust the delay duration
55     });
56   });
57
58   function form2() {
59     var number1 = document.getElementById("input1").value;
60     var number2 = document.getElementById("input2").value;
61     var number3 = document.getElementById("input3").value;
62
63     var num1 = parseInt(number1);
64     var num2 = parseInt(number2);
65     var num3 = parseInt(number3);

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65     if (// if input is empty after clicking submit
66         (number1 === "" || number2 === "" || number3 === ""))
67     ) {
68         resultTextArea.val("Please enter into all the input fields!");
69         resultTextArea.css("color", "red");
70         resultTextArea.css("font-weight", "bold");
71     } else if ( // if input has NaN
72         (!Number.isInteger(num1) || !Number.isInteger(num2) || !Number.isInteger(num3
73         ))
74     ) {
75         resultTextArea.val("Please make sure to enter integer numbers only!");
76         resultTextArea.css("color", "red");
77         resultTextArea.css("font-weight", "bold");
78     } else { // computation of sum, average, product, min and max
79         var sumnum = num1 + num2 + num3;
80         var average = sumnum / 3;
81         var product = num1 * num2 * num3;
82         var smallest = Math.min(num1, num2, num3);
83         var largest = Math.max(num1, num2, num3);
84
85         var form2Result = "Results from form2 function";
86         resultTextArea.val(form2Result);
87
88         var resultText = `
89 The inputted numbers: ${num1}, ${num2}, ${num3}
90 The sum of the numbers: ${sumnum}
91 The average of the numbers: ${average.toFixed(2)}
92 The product of the integers: ${product}
93 The min of the numbers: ${smallest}
94 The max of the numbers: ${largest}`;
95         resultTextArea.val(resultText); // change font to default if red text exist
96         from prior condition
97         resultTextArea.css("color", "");
98         resultTextArea.css("font-weight", "");
99     }
100 }));
101 </script>
102 <style>
103     .button-two {
104         width: 150px; background-color: #417bcb; border-radius: 20px; color:
105         white;
106         font-size: 22px; margin: 34px 3px; cursor: pointer; display:
107         inline-block;
108         padding: 10px; text-decoration: none; overflow: hidden;
109     }
110     .button-two:hover,
111     .button-two:focus {
112         background-color: #e33c3c; border-color: #1d0e6b /* changes colors as
113         user move mouse */
114     }
115     footer {
116         border: 2px solid #e20707; background-color: #cccccc67
117     }
118     .footer-text-container { /*footer*/
119         display: flex; align-items: center; /* vertically center items */
120     }
121     .footer-text-container img {
122         max-width: 100%; margin-right: 10px /*space between image and text */
123     }
124     .header-background {
125         background-color: #e33c3c; text-align: center;
126     }
127     .header-container { /*header/top most */
128         display: flex;
129         align-items: center; /* vertically center items */
130         justify-content: space-between; /* push items to edges */

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127     }
128     .header-text {
129         color:#417bcb; font-size: 55px;
130         flex: 0 0 85%; /* set text to 85% available page width */
131         text-decoration: none;
132     }
133     .header-text:hover {
134         color: white ; /* changes colors as user move mouse */
135     }
136     .hwk2box-box {
137         background-color: #e33c3c; height: 250px; padding: 20px;
138         display: flex;
139         align-items:center; /* vertically center align content */
140         justify-content: center; /* horizontally center align content */
141     }
142     .hwk2box {
143         border: #1d0e6b; height: 100%; width: 800px;
144         background-color: white; padding-top :17px; padding-bottom: 17px;
145         text-align:center; display: flex;
146         align-items:center; /* vertically center align content */
147         justify-content: center; /* horizontally center align content */
148     }
149     .right-image {
150         max-width: 100%; /* push image to right */
151     }
152     .right-text {
153         text-align: right; /* align text to the right */
154     }
155     .rounded-image { /*photo*/
156         border-radius:50% /* round photo image */
157     }
158     .solution-box {
159         border: 2px solid #e20707; padding: 0; margin: 0; display: flex;
160         flex-direction: column;
161         align-items: center; text-align: center;
162         height: 70vh;
163     }
164     .solution-box header {
165         width: 100%; padding: 10px; color:brown;
166     }
167     .solution-frame {
168         width: 80%; display: flex;
169         flex-grow: 1; /* allow to grow and fill available verticle space */
170         justify-content: center; align-items: center;
171         margin: 0 auto; /* center solution-frame within solution box */
172     }
173     .solution-frame iframe {
174         width:180%; height: 100%;
175     }
176     .submenu-container {
177         background-color: black; text-align: center; margin: 0;
178         display: flex;
179         align-items:center; /* vertically center align content */
180         justify-content: center; /* horizontally center align content */
181     }
182 </style>
183
184 </head>
185
186 <body >
187     <header class = "header-background">
188         <div class="header-container">
189             <a href="hw2.html" target="_self" class="header-text">CNIT 133 Homework
190                 2 - Basic Operations</a>
191             <figure>
192                 <a href="https://www.ccsf.edu/" target="_self">
193                     
194         </a>
195     </figure>
196 </div>
197 </header>
198 <div class="submenu-container">
199     <nav>
200     <a href="hw2-description.html" target="_self" class="button-two">Description
201     </a>
202     <a href="hw2-part1.html" target="_self" class="button-two">Part I</a>
203     <a href="hw2-part2.html" target="_self" class="button-two">Part II</a>
204     <a href="hw2-extra-credit.html" target="_self" class="button-two">Extra
205     Credit</a>
206     </nav>
207 </div>
208 <div class="hwk2box-box">
209     <div >
210     <div class="hwk2box">
211     <form id="part2form">
212     <table>
213     <tr>
214     <td><label for="input1">First Number</label></td>
215     <td><input type="text" id="input1" size="20"></td>
216     </tr>
217     <tr>
218     <td><label for="input2">Second Number</label></td>
219     <td><input type="text" id="input2" size="20"></td>
220     </tr>
221     <tr>
222     <td><label for="input3">Third Number</label></td>
223     <td><input type="text" id="input3" size="20"></td>
224     </tr>
225     </table>
226     <div>
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257
258     </body>
259 </html>
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