



Front End Technologies Week 4 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

1. Using HTML, Bootstrap, and JavaScript create a single page website that contains the following:
 - a. A Bootstrap styled table representing your choice of data.
 - b. A Bootstrap styled form that allows a user to add a new row to the table when submitted.

Screenshots of Code:



FROMINEO TECH

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File Edit Selection View Go Run Terminal Help
table.html - Week 4 DOM - Visual Studio Code

EXPLORER
  WEEK 4 DOM
    > node_modules
    > .gitignore.txt
    > index.html
    > indexTeamApp.html
    > package-lock.json
    > package.json
    > table.html
    > table.js
    > team.js
    > todo.js

OUTLINE
TIMELINE

table.html
1 <!(DOCTYPE html)
2 <html lang="en"
3 <head
4 <meta charset="UTF-8"
5 <meta http-equiv="X-UA-Compatible" content="IE=edge"
6 <meta name="viewport" content="width=device-width, initial-scale=1.0"
7 <title>Document</title>
8 </head>
9 <body class="container">
10
11 <h1 style="text-align: center; font-style: italic; font-family: Arial, Helvetica, sans-serif">Personal Expenses Tracker</h1>
12 <div class="card">
13   <div class="card-body" style="background-color: #lightgray; font-family: Arial, Helvetica, sans-serif">
14     <div class="row">
15       <div class="col-sm">
16         <div class="form-group" style="background-color: #lightgreen">
17           <label for="item-purchased">Item Purchased</label>
18           <input type="text" class="form-control" id="item-purchased">
19         </div>
20       </div>
21       <div class="col-sm">
22         <div class="form-group" style="background-color: #lightgreen">
23           <label for="amount-spent">Amount Spent</label>
24           <input type="number" class="form-control" id="amount-spent">
25         </div>
26       </div>
27       <div class="col-sm">
28         <div class="form-group">
29           <label for="date-purchased">Date Purchased</label>
30           <input type="date" class="form-control" id="date-purchased">
31         </div>
32       </div>
33       <div class="col-sm">
34         <div class="form-group">
35           <label for="monthly-subscription">Is this a Monthly Subscription</label>
36           <input type="checkbox" class="form-control" id="monthly-subscription" value="yes">
37         </div>
38       </div>
39     </div>
40     <div class="form-group">
41       <button id="add" class="btn btn-primary form-control">Create</button>
42     </div>
43   </div>
44 </div>
45
46 <table id="list" class="table table-dark table-striped" style="background-color: #ivory; font-family: Arial, Helvetica, sans-serif; font-size:
47 <tr>
48   <th>Item Purchased</th>
49   <th>Amount Spent</th>
50   <th>Date Purchased</th>
51   <th>Monthly Subscription</th>
52   <th>Actions</th>
53 </tr>
54 </table>
55
56 <script src="table.js"></script>
57 <script src="node_modules/jquery/dist/jquery.js"></script>
58 <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
59 </body>
60 </html>
```

```
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7 <title>Document</title>
8 </head>
9 <body class="container">
10
11 <h1 style="text-align: center; font-style: italic; font-family: Arial, Helvetica, sans-serif">Personal Expenses Tracker</h1>
12 <div class="card">
13   <div class="card-body" style="background-color: #lightgray; font-family: Arial, Helvetica, sans-serif">
14     <div class="row">
15       <div class="col-sm">
16         <div class="form-group" style="background-color: #lightgreen">
17           <label for="item-purchased">Item Purchased</label>
18           <input type="text" class="form-control" id="item-purchased">
19         </div>
20       </div>
21       <div class="col-sm">
22         <div class="form-group" style="background-color: #lightgreen">
23           <label for="amount-spent">Amount Spent</label>
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26       </div>
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31         </div>
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33       <div class="col-sm">
34         <div class="form-group">
35           <label for="monthly-subscription">Is this a Monthly Subscription</label>
36           <input type="checkbox" class="form-control" id="monthly-subscription" value="yes">
37         </div>
38       </div>
39     </div>
40     <div class="form-group">
41       <button id="add" class="btn btn-primary form-control">Create</button>
42     </div>
43   </div>
44 </div>
45
46 <table id="list" class="table table-dark table-striped" style="background-color: #ivory; font-family: Arial, Helvetica, sans-serif; font-size:
47 <tr>
48   <th>Item Purchased</th>
49   <th>Amount Spent</th>
50   <th>Date Purchased</th>
51   <th>Monthly Subscription</th>
52   <th>Actions</th>
53 </tr>
54 </table>
55
56 <script src="table.js"></script>
57 <script src="node_modules/jquery/dist/jquery.js"></script>
58 <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
59 </body>
60 </html>
```

```
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table.js - Week 4 DOM - Visual Studio Code

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OUTLINE
TIMELINE

table.js
1 let id = 0;
2
3 document.getElementById('add').addEventListener('click', () => {
4   let table = document.getElementById('list');
5   let row = table.insertRow(1);
6   // let = document.getElementById('monthly-subscription').value;
7   row.setAttribute('id', `item-${id}`);
8   row.insertCell(0).innerHTML = document.getElementById('item-purchased').value;
9   row.insertCell(1).innerHTML = document.getElementById('amount-spent').value;
10  // row.insertCell(2).innerHTML = '1';
11  row.insertCell(2).innerHTML = document.getElementById('date-purchased').value;
12  let actions = row.insertCell(3);
13  actions.appendChild(createDeleteButton(id));
14  document.getElementById('item-purchased').value = '';
15 });
16
17 function createDeleteButton(id) {
18   let btn = document.createElement('button');
19   btn.className = 'btn btn-primary';
20   btn.id = id;
21   btn.innerHTML = 'Delete';
22   btn.onclick = () => {
23     console.log('Deleting row with id: item-${id}');
24     let elementToDelete = document.getElementById(`item-${id}`);
25     elementToDelete.parentNode.removeChild(elementToDelete);
26   }
27   return btn;
28 }
29
30
31 /* function isMonthlySubscription() {
32   if ($this.find('input[type="checkbox"] input:checked').length) {
33     $this.find('input[type="checkbox"] input');
34   }
35 }
36 */
```

Screenshots of Running Application:



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Personal Expenses Tracker

Item Purchased

Amount Spent

Date Purchased

Create

Item Purchased	Amount Spent	Date Purchased	Actions
Gym Shorts	14.95	2021-01-07	Delete
Weights	49.99	2021-01-05	Delete
Treadmill	399.99	2021-01-01	Delete
Water Bottle	1.99	2021-01-01	Delete
Funimation	9.99	2021-01-04	Delete
Disney+	7.99	2021-01-02	Delete
Netflix	8.99	2021-01-02	Delete
Hulu	5.99	2021-01-02	Delete

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Personal Expenses Tracker

Item Purchased

Amount Spent

Date Purchased

Create

Item Purchased	Amount Spent	Date Purchased	Actions
Gym Shorts	14.95	2021-01-07	Delete
Weights	49.99	2021-01-05	Delete
Treadmill	399.99	2021-01-01	Delete
Water Bottle	1.99	2021-01-01	Delete
Funimation	9.99	2021-01-04	Delete
Disney+	7.99	2021-01-02	Delete
Netflix	8.99	2021-01-02	Delete
Hulu	5.99	2021-01-02	Delete



PROMINEO TECH

Document x +

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Personal Expenses Tracker

Item Purchased

Amount Spent

Date Purchased

Create

Item Purchased	Amount Spent	Date Purchased	Actions
Brunch with friends	27.85	2021-01-08	Delete
Gym Shorts	14.95	2021-01-07	Delete
Weights	49.99	2021-01-05	Delete
Treadmill	399.99	2021-01-01	Delete
Water Bottle	1.99	2021-01-01	Delete
Funimation	9.99	2021-01-04	Delete
Disney+	7.99	2021-01-02	Delete
Netflix	8.99	2021-01-02	Delete
Hulu	5.99	2021-01-02	Delete

URL to GitHub Repository:

<https://github.com/trepvox/Week-4-DOM-Manipulation>