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:

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Grocery List App</title>
    <link
      rel="stylesheet"
      href="node_modules/bootstrap/dist/css/bootstrap.css"
    />
    <link rel="stylesheet" href="./styles.css">
  </head>
  <body class="container">
    <br />
    <div class="row">
        <img id="groceryImage" alt="baskets of fruit and vegetables" src=
"https://images.unsplash.com/photo-1607349913338-fca6f7fc42d0?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHxwaG90by1
wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&w=1548&q=80"
>
    </div>
    <div class="grocery-table row">
      <div class="col-sm-6">
        <h1>Add Item</h1>
        <form>
          <div class="mb-3">
            <label for="newItem" class="form-label">Item</label>
            <input
              type="text"
              class="form-control"
              id="newItem"
            />
          </div>
          <!-- <div id="quantity" class="form-text"></div> -->
          <div class="mb-3">
            <label for="quantity" class="form-label">Quantity</label>
            <input
              type="text"
              class="form-control"
              id="quantity"
            />
          </div>
          <button type="submit" id="add" class="btn btn-success">Add!</button>
        </form>
```

```css
#groceryImage{
    height: 300px;
    object-fit: cover;              You, secor
    overflow: hidden;
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
    position: relative;

}
```
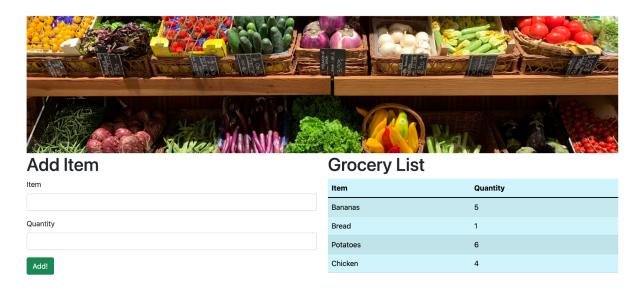
```html
    </div>

        <div class="col-sm-6">
          <h1>Grocery List</h1>
          <table  id="grocery-table" class="table table-hover table-striped table-info">
            <thead>
              <tr>
                <th scope="col">Item</th>
                <th scope="col">Quantity</th>
              </tr>
            </thead>
            <tbody>
              <tr>
                <td scope="row">Bananas</td>
                <td>5</td>
              </tr>
              <tr>
                <td scope="row">Bread</td>
                <td>1</td>
              </tr>
              <tr>
                <td scope="row">Potatoes</td>
                <td>6</td>
              </tr>
              <tr>
                <td scope="row">Chicken</td>
                <td>4</td>
              </tr>
            </tbody>
          </table>
        </div>
      </div>
      <script src="node_modules/jquery/dist/jquery.js"></script>
      <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
      <script src="./script.js"></script>
    </body>
</html>
```

```javascript
document.getElementById("add").addEventListener("click", () => {
event.preventDefault()
    let table = document.getElementById("grocery-table");
    let row = table.insertRow(1);
    row.insertCell(0).innerHTML = document.getElementById("newItem").value;
    row.insertCell(1).innerHTML = document.getElementById("quantity").value;
    document.getElementById("newItem").value = "";
    document.getElementById("quantity").value = "";
});
```

Screenshots of Running Application:

Add Item

Item

Quantity

Add!

Grocery List

Item	Quantity
Bananas	5
Bread	1
Potatoes	6
Chicken	4

Add Item

Item

Apples

Quantity

3

Add!

Grocery List

Item	Quantity
Bananas	5
Bread	1
Potatoes	6
Chicken	4

Add Item

Item

Quantity

Add!

Grocery List

Item	Quantity
Apples	3
Bananas	5
Bread	1
Potatoes	6
Chicken	4

URL to GitHub Repository:

https://github.com/DanielleByrne/promineo-hw-week7