



Front End Technologies Week 10 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:



PROMINEO TECH

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4
5 <meta charset="utf-8">
6 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/css/bootstrap.min.css"
9 integrity="sha384-ggOyR0iXCbMQV3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxt2M2w1" crossorigin="anonymous">
10 <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
11 crossorigin="anonymous"></script>
12 <script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.7/dist/umd/popper.min.js"
13 integrity="sha384-U02eT0CpHqds3Q6h3Jty5KVphtPhzWj9WO1clHTMga3J0DZwrnQ44sF86dIHNDz0w1" crossorigin="anonymous"></script>
14 <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.3.1/dist/js/bootstrap.min.js"
15 integrity="sha384-3JsMvgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/njGzIxFdsf4x0xIM+h07jRM" crossorigin="anonymous"></script>
16
17 <style>
18 h1 {
19 text-align: center;
20 font-family: Arial, Helvetica, sans-serif;
21 color: #palevioletred;
22 }
23
24 h5 {
25 text-align: center;
26 font-family: Arial, Helvetica, sans-serif;
27 color: #gray;
28 }
29
30 body {
31 background: #F7E0EC;
32 }
33
34 </style>
```



PROMINEO TECH

```
36      <h1>Cookie Flavors: A Comprehensive List</h1>
37      <br>
38      <h5>Please add a type of cookie!</h5>
39
40  </head>
41  <body>
42    <div class="container py-1">
43      <div class="row">
44        <div class="col-lg-7 mx-auto">
45          <div class="card rounded-3 border-3 shadow">
46            <div class="card-body p-5">
47
48
49              <div class="table-responsive">
50                <table class="table">
51                  <thead>
52                    <tr>
53                      <th scope="col">#</th>
54                      <th scope="col">Type of Cookie</th>
55                      <th scope="col">Is This Cookie Frosted or Unfrosted?</th>
56                      <th scope="col">Baking Difficulty Level (out of 10)</th>
57                      <th scope="col"></th>
58                    </tr>
59                  </thead>
60                  <tbody>
61                    <tr>
62                      <th scope="row">1</th>
63                      <td>Chocolate Chip</td>
64                      <td>Unfrosted</td>
65                      <td>5</td>
66                      <td></td>
67                    </tr>
68                    <tr>
69                      <th scope="row">2</th>
70                      <td>Sugar Cookie</td>
71                      <td>Frosted</td>
```



PROMINEO TECH

```
72         <td></td>
73     </td></td>
74 </tr>
75 </tbody>
76 </table>
77 </div>
78
79
80     <a class="btn btn-primary rounded-3 btn-block" id="insertRow" href="#">Add Cookie Type</a>
81 </div>
82 </div>
83 </div>
84 </div>
85 </div>
86
87 <script>
88 $(function () {
89
90     var counter = 3;
91
92     $("#insertRow").on("click", function (event) {
93         event.preventDefault();
94
95         var newRow = $("<tr>");
96         var cols = '';
97
98         cols += '<th scope="row">' + counter + '</th>';
99         cols += '<td><input class="form-control rounded-3" type="text" name="typeofcookie" placeholder="Cookie Type"></td>';
100        cols += '<td><input class="form-control rounded-3" type="text" name="frostedunfrosted" placeholder="Frosted or Unfrosted"></td>';
101        cols += '<td><input class="form-control rounded-3" type="text" name="difficultylevel" placeholder="Difficulty Level"></td>';
102
103
104        newRow.append(cols);
105
106
107        $("table").append(newRow);
```

```
108
109         counter++;
110     });
111
112     });
113
114 </script>
115
116 </body>
117
118
119
120
121 </html>
```

Screenshots of Running Application:



PROMINEO TECH

Cookie Flavors: A Comprehensive List

Please add a type of cookie!

#	Type of Cookie	Is This Cookie Frosted or Unfrosted?	Baking Difficulty Level (out of 10)
1	Chocolate Chip	Unfrosted	5
2	Sugar Cookie	Frosted	7
3	<input type="text" value="Cookie Type"/>	<input type="text" value="Frosted or Unfrosted"/>	<input type="text" value="Difficulty Level"/>

Add Cookie Type

URL to GitHub Repository:

<https://github.com/alexlaurencarey/week-10-coding-assignment>