



## Week 10: Coding Assignment

**URL to GitHub Repository:**

<https://github.com/Rcruzn33/Calendar-Form-DOM-Manipulation.git>

**URL to Your Coding Assignment Video:**

<https://youtu.be/D3rtG0GTHfk>

### Instructions:

- In Visual Studio Code, write the code that accomplishes the objectives listed below and ensures that the code compiles and runs as directed.
- Create a new repository on GitHub for this week's assignments and push this document, with your project code, to the repository.
- Include the URLs for this week's repository and video where instructed.
- Submit this document as a .PDF file in the LMS.

### Coding Steps:

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

### Video Steps:

- Create a video, up to five minutes max, showing and explaining how your project works with an emphasis on the portions you contributed.
- This video should be done using screen share and voice over.
- This can easily be done using Zoom, although you don't have to use Zoom, it's just what we recommend.
  - You can create a new meeting, start screen sharing, and start recording.



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- This will create a video recording on your computer.
- This should then be uploaded to a publicly accessible site, such as YouTube.
  - Ensure the link you share is **PUBLIC** or **UNLISTED**!
  - If it is not accessible by your grader, your project will be graded based on what they can access.

```
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>My Calendar</title>
8   <link rel = "Stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
9 </head>
10 <body class="Container">
11   <h2>Calendar</h2>
12   <div class="card">
13     <div class="card-body">
14       <div class="row">
15         <div class="col-sm">
16           <div class="form-group">
17             <label for="new-event">Event</label>
18             <input type="text" class="form-control" id="new-event" placeholder="Add Event">
19           </div>
20         </div>
21       </div>
22       <div class="row">
23         <div class="col-sm">
24           <div class="form-group">
25             <label for="event-date">Date</label>
26             <input type="date" class="form-control" id="event-date" placeholder="mm/dd/yyyy">
27           </div>
28         </div>
29       </div>
30     </div>
  </div>
  <div class="row">
```



# PROMINEO TECH

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```
32 <div class="form-group">
33 <label for="event-time">Time</label>
34 <input type="time" class="form-control" id="event-time" placeholder="00:00">
35 </div>
36
37 </div>
38 <div class="row">
39 <div class="col-sm">
40 <div class="form-group">
41 <label for="event-location">Location</label>
42 <input type="text" class="form-control" id="event-location" placeholder="Add Location">
43 </div>
44 </div>
45 <button id="add" class="btn btn-primary form-control">Submit</button>
46 </div>
47 </div>
48 <table id="list" class="table table-striped table-hover">
49 <tr>
50 <th>Event</th>
51 <th>Date</th>
52 <th>Time</th>
53 <th>Location</th>
54 </tr>
55 </table>
56
57 <script src="Calendar.js"></script>
58 <script src="node_modules/jquery/dist/jquery.js"></script>
59 <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
60 </body>
61 </html>
```

```
1 let id = 0;
2 document.getElementById('add').addEventListener('click', () => {
3   let table = document.getElementById('list');
4   let row = table.insertRow(1);
5   row.setAttribute('id', 'item-${id}');
6   row.insertCell(0).innerHTML = document.getElementById('new-event').value;
7   row.insertCell(1).innerHTML = document.getElementById('event-date').value;
8   row.insertCell(2).innerHTML = document.getElementById('event-time').value;
9   row.insertCell(3).innerHTML = document.getElementById('event-location').value;
10  let actions = row.insertCell(4);
11  actions.appendChild(createDeleteButton(id++));
12  function createDeleteButton(id) {
13    let btn = document.createElement('button');
14    btn.className = 'btn btn-primary';
15    btn.id = id;
16    btn.innerHTML = 'Delete Event';
17    btn.onclick = () => {
18      let elementToDelete = document.getElementById('item-${id}');
19      elementToDelete.parentNode.removeChild(elementToDelete);
20    };
21    return btn;
22  }
23 });
```



## Week 10: Coding Assignment

Browser window showing a web application for a calendar. The address bar shows the file path: C:/Users/fresn/OneDrive/Desktop/Interactive%20Table%20Assignment/index.html.

**Calendar**

Event: Meeting

Date: 03/18/2023

Time: 10:00 AM

Location: school

Submit

Event	Date	Time	Location	
Meeting	2023-03-18	10:00	school	Delete Event

Windows taskbar at the bottom shows the date and time: 9:59 PM 3/11/2023.