PROMINEO TECH

Week 10: Coding Assignment

URL to GitHub Repository: https://github.com/ValeriaMontano/Week-10-Assignment-

URL to Your Coding Assignment Video: https://youtu.be/Z-GvFhL-tMk

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.
    - 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**!

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- o If it is not accessible by your grader, your project will be graded based on what they can access.

```html
<> index.html > 🔗 html > 🔗 body.container > 🔗 div.card > 🔗 div.card-body > 🔗 div.row > 🔗 div.col-sm > 🔗 div.form-group > 🔗 label
 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>Assignment Page W10</title>
 8      <link
 9        rel="stylesheet"
10        href="node_modules/bootstrap/dist/css/bootstrap.css"
11      />
12    </head>
13    <body class="container">
14      <div class="card">
15        <div class="card-body">
16          <div class="row">
17            <div class="col-sm">
18              <div class="form-group">
19                <label for="new-start-date">Date</label>
20                <input type="date" class="form-control" id="new-start-date" />
21              </div>
22            </div>
23          </div>
24          <div class="row">
25            <div class="col-sm">
26              <div class="form-group">
27                <label for="new-workout">Workout</label>
28                <input
29                  type="text"
30                  class="form-control"
31                  id="new-workout"
32                  placeholder="Workout"
33                />
34              </div>
35            </div>
36          </div>
37          <div class="row">
38            <div class="col-sm">
39              <div class="form-group">
40                <label for="new-calories">Calories</label>
41                <input
42                  type="text"
43                  class="form-control"
44                  id="new-calories"
45                  placeholder="Calories"
46                />
47              </div>
48            </div>
49          </div>
50          <div>
51            <br />
52            <button id="add" class="btn btn-danger form-control">Submit</button>
53          </div>
54        </div>
55      </div>
56      <table id="list" class="table table-secondary table-striped">
57        <tr>
58          <th>Workout</th>
59          <th>Date</th>
60          <th>Calories burned</th>
61          <th>Action</th>
62        </tr>
63      </table>
64
65      <script src="script.js"></script>
66      <script src="node_modules/jquery/dist/jquery.js"></script>
67      <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
68    </body>
69  </html>
70
```

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```javascript
script.js > ...
1   let id = 0;
2   document.getElementById("add").addEventListener("click", () => {
3     let createdDate = new Date();
4     let table = document.getElementById("list");
5     let row = table.insertRow(1);
6     row.setAttribute("id", `item-${id}`);
7     row.insertCell(0).innerHTML = document.getElementById("new-workout").value;
8     row.insertCell(1).innerHTML = `${createdDate.getFullYear()}-${
9       createdDate.getMonth() + 1
10    }-${createdDate.getDate()}`;
11    row.insertCell(2).innerHTML = document.getElementById("new-calories").value;
12    let actions = row.insertCell(3);
13    actions.appendChild(createDeleteButton(id++));
14    document.getElementById("new-workout").value = "";
15  });
16
17  function createDeleteButton(id) {
18    let btn = document.createElement("button");
19    btn.className = "btn btn-danger";
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  }
```