



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.



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Screenshots of Code:

```
<!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>Dynamic Table</title>
  <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
</head>
<body class="container bg-black">
  <div class="row justify-content-center">
    <div class="col-3">
      <input id="anAlbum" type="text" class="form-control bg-black text-white" placeholder="Album">
    </div>
  </div>
  <div class="row justify-content-center">
    <div class="col-3">
      <input id="anArtist" type="text" class="form-control bg-black text-white" placeholder="Artist">
    </div>
  </div>
  <div class="row justify-content-center">
    <div class="col-3">
      <input id="aStatus" type="text" class="form-control bg-black text-white" placeholder="Status">
    </div>
  </div>
  <div class="row justify-content-center">
    <div class="col-3">
      <button id="aSubmit" class="btn form-control btn-black text-white" placeholder="Submit">Submit</button>
    </div>
  </div>
  <table id="list" class="table table-black table-borderless text-white">
    <tr>
      <th>Album</th>
      <th>Artist</th>
      <th>Status</th>
    </tr>
  </table>
  <script src="mList.js"></script>
  <script src="node_modules/jquery/dist/jquery.js"></script>
  <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
</body>
</html>
```

```
< index.html U JS mList.js U X < music.html
Users > han > coding > week10assignment > JS mList.js > ...
1
2
3 document.getElementById('aSubmit').addEventListener('click', () => {
4   let table = document.getElementById('list');
5   let row = table.insertRow(1);
6   row.insertCell(0).innerHTML = document.getElementById('anAlbum').value;
7   row.insertCell(1).innerHTML = document.getElementById('anArtist').value;
8   row.insertCell(2).innerHTML = document.getElementById('aStatus').value;
9   document.getElementById('anAlbum').value = '';
10  document.getElementById('anArtist').value = '';
11  document.getElementById('aStatus').value = '';
12 }>
```

Screenshots of Running Application:

I Com
Miss Kittin
Maybe
Submit

Album	Artist	Status
Deftones	Deftones	Maybe
Wild is the Wind	Nina Simone	Maybe

Album
Artist
Status
Submit

Album	Artist	Status
I Com	Miss Kittin	Maybe
Deftones	Deftones	Maybe
Wild is the Wind	Nina Simone	Maybe

URL to GitHub Repository:

<https://github.com/spacecowgirl777/week10assignment>