



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:

```
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>Week 10 assignment</title>
8   <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
9   <script src="node_modules/jquery/dist/jquery.js"></script>
10  <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
11 </head>
12 <body>
13
14   <div class="text-primary"> <!--header-->
15   | <div class="text-center">Vote for your favorite puppy or kitty picture!</div>
16   </div>
17
18   <div class="badge bg-primary text-wrap" style="width: 100%;> <!--form-->
19   | <label class="fs-5" form="add-name">Select a photo # and give the puppy or kitty in your favorite photo a name!</label>
20   | <div class="container">
21   |   <select id="picture-select" class="form-select form-select-sm fw-bold" aria-label="form-select-sm">
22   |     <option class="fw-bold" selected>Select your favorite pictures:</option>
23   |     <option class="fw-bold" value="1">#1</option>
24   |     <option class="fw-bold" value="2">#2</option>
25   |     <option class="fw-bold" value="3">#3</option>
26   |     <option class="fw-bold" value="4">#4</option>
27   |   </select>
28   |   </div>
29   |   <div class="container">
30   |     <div class="input-group input-group-sm mb-3"> <!--form input-->
31   |       <span class="input-group-text"><button id="add-name-button" type="button" class="btn btn-primary">Add Name</button></span>
32   |       <input id="add-name" type="text" class="form-control fst-italic" aria-label="Sizing example input" aria-describedby="inputGroup-sizing-default" />
33   |     </div>
34   |   </div>
35   | </div> <!--form and input contained together with outer div-->
36
37   <div class="container text-center"> <!--grid to layout images and more-->
38   <div class="row row-cols-4">
39   <div class="col fw-bold">#1</div>
```

```
27 </select>
28 </div>
29
30 <div class="container">
31 <div class="input-group input-group-sm mb-3"> <!--form input-->
32 <span class="input-group-text"><button id="add-name-button" type="button" class="btn btn-primary">Add Name</button></span>
33 <input id="add-name" type="text" class="form-control fst-italic" aria-label="Sizing example input" aria-describedby="inputGroup-sizing-default" />
34 </div>
35 </div> <!--form and input contained together with outer div-->
36
37 <div class="container text-center"> <!--grid to layout images and more-->
38 <div class="row row-cols-4">
39 <div class="col fw-bold">#1</div>
40 <div class="col fw-bold">#2</div>
41 <div class="col fw-bold">#3</div>
42 <div class="col fw-bold">#4</div>
43 </div>
44 <br>
45 <table id="name" class="table table-primary table-sm"> <!--table to display user input-->
46 <tr>
47 <th scope="col">Picture #</th>
48 <th scope="col">Name</th>
49 <th scope="col"></th>
50 </tr>
51 </table>
52 </div>
53
54 <script src="week10ca.js"></script>
55
56 </body>
57 </html>
```



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```
File Edit Selection View Go Run Terminal Help week10c.js - Week10 Coding Assignment - Visual Studio Code

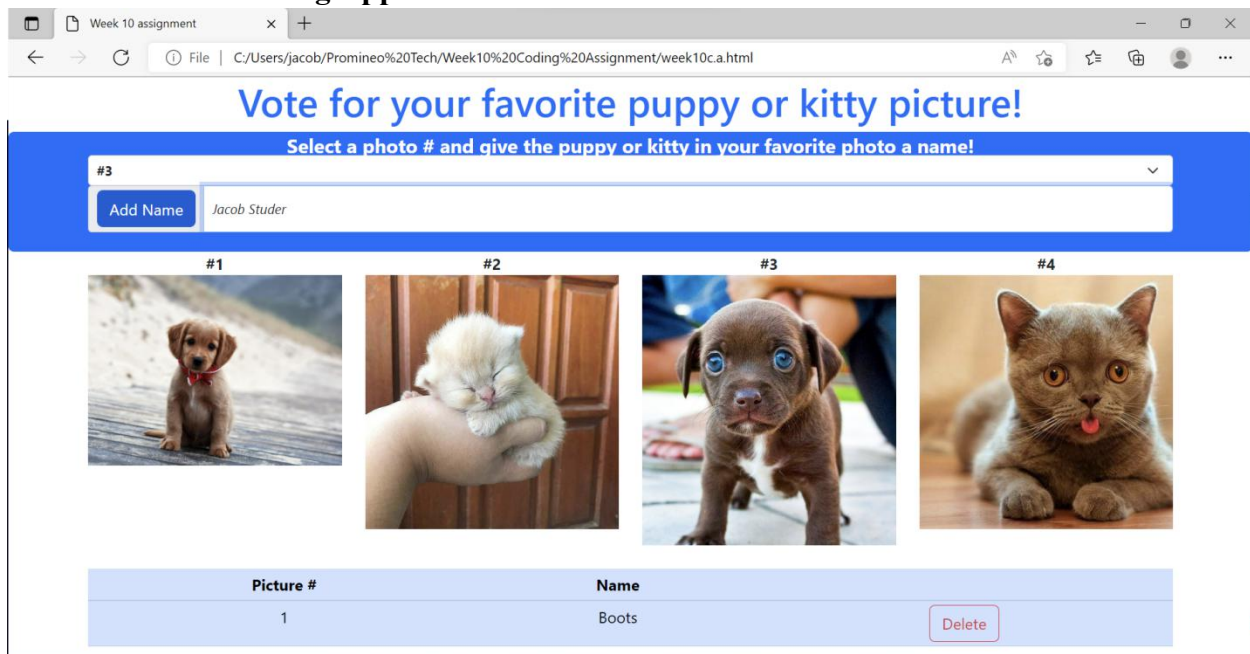
EXPLORER week10c.html JS week10c.js X
  OPEN EDITORS
    week10c.html
    JS week10c.js
  WEEK10 CODING ASSIGN...
    images
    img download--ano...
    img download--cute...
    img download--kitty...
    img download--slee...
    node_modules
    > @popperjs
    > bootstrap
    > jquery
    {} package-lock.json
    {} package-lock.json
    {} package.json
    week10c.html
    JS week10c.js

  OUTLINE
  TIMELINE
  NPM SCRIPTS

main*  Ln 3, Col 1  Spaces: 4  UTF-8  CRLF  () JavaScript  [?]

1 let id = 0;
2
3 document.getElementById('add-name-button').addEventListener('click', () => { //function to register input submission
4   let table = document.getElementById('name')
5   let row = table.insertRow(1); //row to display user input
6   row.setAttribute('id', 'item-${id}');
7   row.insertCell(0).innerHTML = document.getElementById('picture-select').value; //row column to display user form selection
8   row.insertCell(1).innerHTML = document.getElementById('add-name').value; //row column to display user input
9   let actions = row.insertCell(2); //row column to display delete button function
10  actions.appendChild(createDeleteButton(id+1)); //to create delete button along with user input
11  document.getElementById('add-name').value = '';
12 });
13
14 function createDeleteButton(id) { //function to create delete button along with user input
15   let btn = document.createElement('button');
16   btn.className = 'btn btn-outline-danger';
17   btn.id = id;
18   btn.innerHTML = 'Delete';
19   btn.onclick = () => { //function to register the delete function when clicking
20     console.log('Deleting row with id: item-${id}');
21     let elementToDelete = document.getElementById('item-${id}');
22     elementToDelete.parentNode.removeChild(elementToDelete);
23   };
24   return btn;
25 }
```

Screenshots of Running Application:





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Week 10 assignment

File | C:/Users/jacob/Promineo%20Tech/Week10%20Coding%20Assignment/week10c.a.html





vote for your favorite puppy or kitty picture!

Select a photo # and give the puppy or kitty in your favorite photo a name!

#3

Add Name

#1 #2 #3 #4

Picture #	Name	
3	Jacob Studer	Delete
1	Boots	Delete

URL to GitHub Repository: <https://github.com/JacobStuder/Promineo-Tech-Week-10-Coding-Assignment.git>