



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

EXPLORER ...

WEEK10ASSIGNMENT

- .gitignore
- index.html
- index.js
- package.json

index.html index.js

index.html > html > body > div > table#roster.table.table.table

```
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>40k Tournament Roster</title>
8      <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css">
9      <style>
10         body { padding: 30px; }
11     </style>
12 </head>
13 <body>
14     <div class="jumbotron">
15         <h1>
16             <!-- Enter some Text Here -->
17             Warhammer 40k Tournament Application
18         </h1>
19     </div>
20     <br>
21     <div>
22         <h2>Armies in Tournament</h2>
23         <!-- this is where the table will go -->
24         <table class="table table-striped" id="roster">
25             <thead>
26                 <tr>
27                     <th>Player Name</th>
28                     <th>Army</th>
29                     <th>Subfaction</th>
30                     <th>Point Cost</th>
31             </thead>
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL



index.html U X

index.js U

< index.html > html > body > div > table#roster.table.table-striped > tr

```
29 |           <td>POINT COST</td>
30 |           <th>Detachment</th>
31 |           <th>CP</th>
32 |
33 |       </tr>
34 |   </table>
35 |</div>
36 |<div>
```

```
37 |     <h2>Enter New Armies Here:</h2>
38 |     <!-- i need a form here that adds the input info into a new
39 |     <!-- Let's say I want to make the form an app for entering
40 |     Form entries could be: Player name (first, last), Army fact
41 |     Subfaction, Point cost total, Detachment type (from the lis
42 |     <div class="card">
43 |         <div class="card-body">
44 |             <div class="row">
45 |                 <div class="col-sm-4">
46 |                     <div class="form-group">
47 |                         <label for="inputFirstName" class="form-control-l
48 |                         <input type="name" class="form-control" id="i
49 |                         </div>
50 |                     </div>
51 |                     <div class="col-sm-4">
52 |                         <div class="form group">
53 |                             <label for="inputLastName" class="form-
54 |                             <input type="name" class="form-control" id="i
55 |                             </div>
56 |                         </div>
57 |                     <div class="col-sm-4">
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

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index.html U X

JS index.js U

index.html > html > body > div > div.card > div.card-body > div.row >

```
58 <div class="form-group">
59   <label for="inputArmy" class="form-label">
60     <select id="inputArmy" class="form-select">
61       <option selected>Choose...
62       <option> Sisters of battle - Adeptus Custodes
63       <option>Adeptus Mechanicus
64       <option>Imperial Guard - Astra Militarum
65       <option>Grey Knights
66       <option>Imperial Knights
67       <option>Space Marines - Adeptus Astris
68       <option>Chaos Daemons
69       <option>Chaos Knights
70       <option>Chaos Space Marines
71       <option>Death Guard
72       <option>Thousand Sons
73       <option>Aeldari - Craftworlds Eldar
74       <option>Drukhari - Dark Eldar
75       <option>Genestealer cults
76       <option>Necrons
77       <option>Orks
78       <option>Tau Empire
79       <option>Tyranids
80       <option>Other
81     </select>
82   </div>
83 </div>
84 <div class="col-sm-3">
85 <...>
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL



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<> index.html U X

JS index.js U

```
85 <div class="col-sm-3">
86   <div class="form-group">
87     <label for="inputSubfaction" class="form-control">
88       <input type="text" class="form-control" value="None" id="inputSubfaction" name="inputSubfaction" />
89     </div>
90   </div>
91   <div class="col-sm-2">
92     <div class="form-group">
93       <label for="inputPointCost" class="form-control">
94         <input type="text" class="form-control" value="0" id="inputPointCost" name="inputPointCost" />
95     </div>
96   </div>
97   <div class="col-sm-4">
98     <div class="form-group">
99       <label for="inputDetachment" class="form-control">
100      <select id="inputDetachment" class="form-control">
101        <option selected>Choose...</option>
102        <option>Patrol</option>
103        <option>Battalion</option>
104        <option>Brigade</option>
105        <option>Vanguard - Elites</option>
106        <option>Spearhead - Heavy Support</option>
107        <option>Outrider - Fast Attack</option>
108        <option>Supreme Command</option>
109        <option>Super-Heavy</option>
110        <option>Super-Heavy Auxiliary</option>
111        <option>Fortification Network</option>
112        <option>Auxiliary Support</option>
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL



EXPLORER...index.html U Xindex.js U

WEEK10ASSIGNMENTindex.htmlindex.jspackage.json

.gitignoreUUU

index.htmlUUU

index.jsUUU

package.jsonUUU

```
111<div><div>
112  <option>Fort
113  <option>Auxu
114  </select>
115 </div>
116 <div class="col-sm-3">
117   <div class="form gro
118     <label for="inpu
119     <input type="tex
120   </div>
121   </div>
122   </div>
123   </div>
124   <div class="col">
125     <button id="submit"
126   </div>
127 </div>
128
129
130 <script src="https://cdn.jsdelivr.net/npm
131 <script src="index.js"></script>
132 </body>
133 </html>
```

PROBLEMSOUTPUTDEBUG CONSOLETERMINAL



index.html U

JS index.js U X

↳ index.js > ...

```
1 //When clicked, the submit button will add the information to the regi
2 document.getElementById('submit').addEventListener('click', () => {
3     let table = document.getElementById('roster');
4     let row = table.insertRow(1);
5     row.setAttribute('id', `item+${id}`);
6     row.insertCell(0).innerHTML = document.getElementById('inputFirstName')
7     row.insertCell(1).innerHTML = document.getElementById('inputArmy')
8     row.insertCell(2).innerHTML = document.getElementById('inputSubfaction')
9     row.insertCell(3).innerHTML = document.getElementById('inputPointCost')
10    row.insertCell(4).innerHTML = document.getElementById('inputDetachment')
11    row.insertCell(5).innerHTML = document.getElementById('inputCP').value;
12    // This will "reset" the form fields to blanks after the data is added
13    document.getElementById('inputFirstName').value = '';
14    document.getElementById('inputLastName').value = '';
15    document.getElementById('inputArmy').value = '';
16    document.getElementById('inputSubfaction').value = '';
17    document.getElementById('inputPointCost').value = '';
18    document.getElementById('inputDetachment').value = '';
19    document.getElementById('inputCP').value = '';
20});|
```

Screenshots of Running Application:



PROMINEO TECH

Warhammer 40k Tournament Application

Armies in Tournament

Player Name	Army	Subfaction
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Enter New Armies Here:

Player First Name

Player Last Name

Army Subfaction

Point Cost Total

2000pt limit



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Warhammer 40k Tournament Application

Armies in Tournament

Player Name	Army
Benedict Cumberbatch	Aeldari - Craftworlds Eldar
Sammy Sosa	Genestealer Cults
John Denver	Orks
Rick Sanchez	Adeptus Custodes
Kalon Ohmstede	Necrons

Enter New Armies Here:

Player First Name	Player Last Name
<input type="text"/>	<input type="text"/>
Army Subfaction	Point Cost Total
<input type="text"/>	<input type="text"/> 2000pt limit
<input type="button" value="Add Army"/>	

URL to GitHub Repository:

<https://github.com/KalonOhm/WH40K-Registry.git>