

## Screenshots of Code:

This screenshot shows the initial state of the `playlist.html` file in a code editor. The file contains the structure for a music playlist page, including a navbar, a form for adding new items, and a row for displaying the new entries.

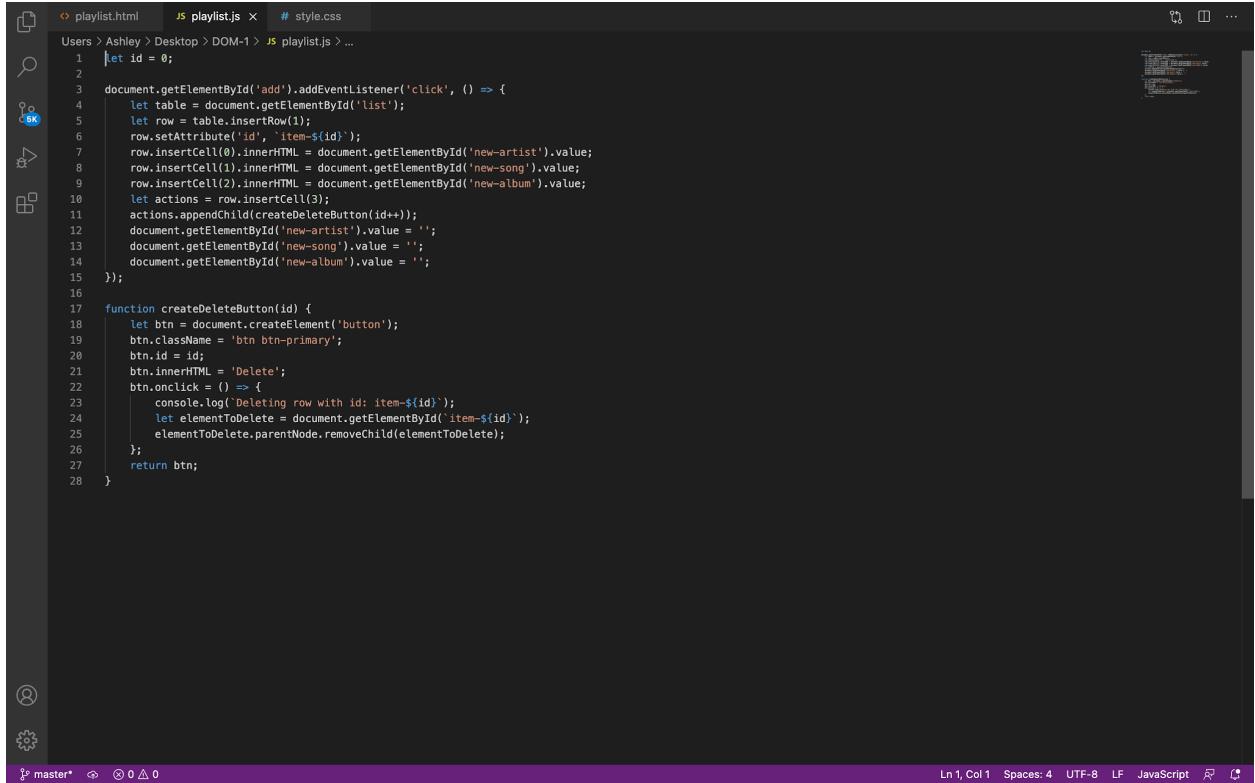
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Playlist</title>
7   <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
8   <link rel="stylesheet" href="style.css">
9 </head>
10
11 <!--beginning of navbar-->
12 <body class="container">
13   <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
14     <a class="navbar-brand" href="playlist.html">Music Playlist</a>
15     <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">
16       <span class="navbar-toggler-icon"></span>
17     </button>
18     <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
19       <div class="navbar-nav">
20         <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
21           <div class="navbar-nav">
22             <a class="nav-item nav-link active" href="playlist.html">Blues<span class="sr-only">(current)</span></a>
23           </div>
24         </div>
25       </div>
26     </div>
27   </nav>
28   <br>
29   <!--beginning of form-->
30   <div class="card">
31     <div class="card-body">
32       <div class="row">
33         <div class="col-sm">
34           <div class="form-group">
35             <label for="new-artist">Artist</label>
36             <input type="text" class="form-control" id="new-artist">
37           </div>
38         <div class="col-sm">
39           <div class="form-group">
40             <label for="new-song">Song</label>
41             <input type="text" class="form-control" id="new-song">
42           </div>
43         </div>
44       </div>
45     <div class="row">
46       <div class="col-sm">
47         </div>
48       </div>
49     </div>
50   </div>
51 </div>
52 </div>
53 </div>
54 <button id="add" class="btn btn-primary form-control" type="button">Create</button>
55 </div>
56 </div>
57 </div>
58 </div>
59 <br>
60 <!--beginning of table-->
61 <table id="list" class="table table-striped">
62   <thead class="thead-dark">
63     <tr>
64       <th>Artist</th>
65       <th>Song</th>
66       <th>Album</th>
67       <th>Actions</th>
68     </tr>
69   </thead>
70   </table>
71 </div>
72 </div>
73 <script src="playlist.js"></script>
74 <script src="node_modules/jquery/dist/jquery.js"></script>
75 <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
76 </body>
77 </html>
```

Ln 72, Col 1 Spaces: 4 UTF-8 LF HTML ⚡

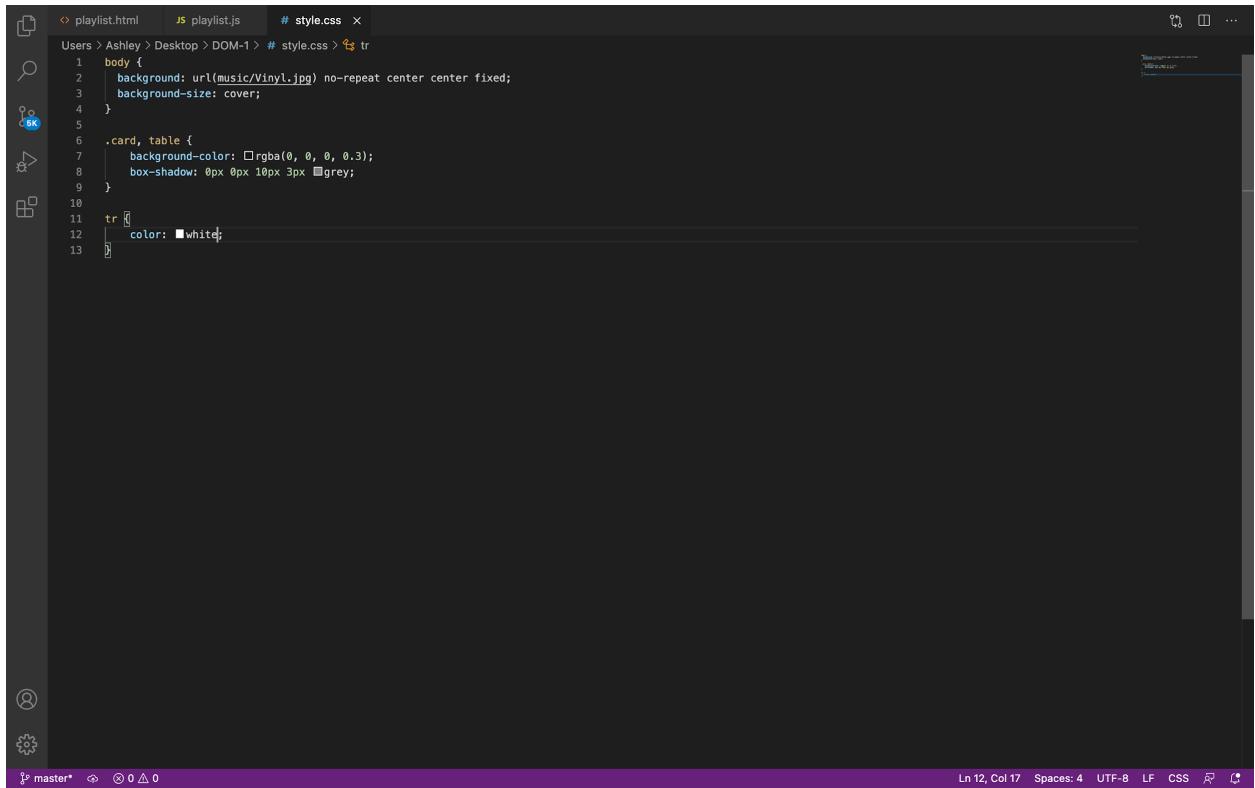
This screenshot shows the final state of the `playlist.html` file in a code editor. The file now includes a table structure for displaying the playlist items, along with the necessary script imports at the bottom.

```
42 </div>
43 </div>
44 </div>
45 <div class="row">
46   <div class="col-sm">
47     <div class="form-group">
48       <label for="new-artist">Artist</label>
49       <input type="text" class="form-control" id="new-artist">
50     </div>
51   </div>
52 </div>
53 <div class="row">
54   <div class="col-sm">
55     <div class="form-group">
56       <label for="new-song">Song</label>
57       <input type="text" class="form-control" id="new-song">
58     </div>
59   </div>
60 </div>
61 <button id="add" class="btn btn-primary form-control" type="button">Create</button>
62 </div>
63 </div>
64 <!--beginning of table-->
65 <table id="list" class="table table-striped">
66   <thead class="thead-dark">
67     <tr>
68       <th>Artist</th>
69       <th>Song</th>
70       <th>Album</th>
71       <th>Actions</th>
72     </tr>
73   </thead>
74   </table>
75 </div>
76 </div>
77 </div>
78 <script src="playlist.js"></script>
79 <script src="node_modules/jquery/dist/jquery.js"></script>
80 <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
81 </body>
82 </html>
```

Ln 72, Col 1 Spaces: 4 UTF-8 LF HTML ⚡

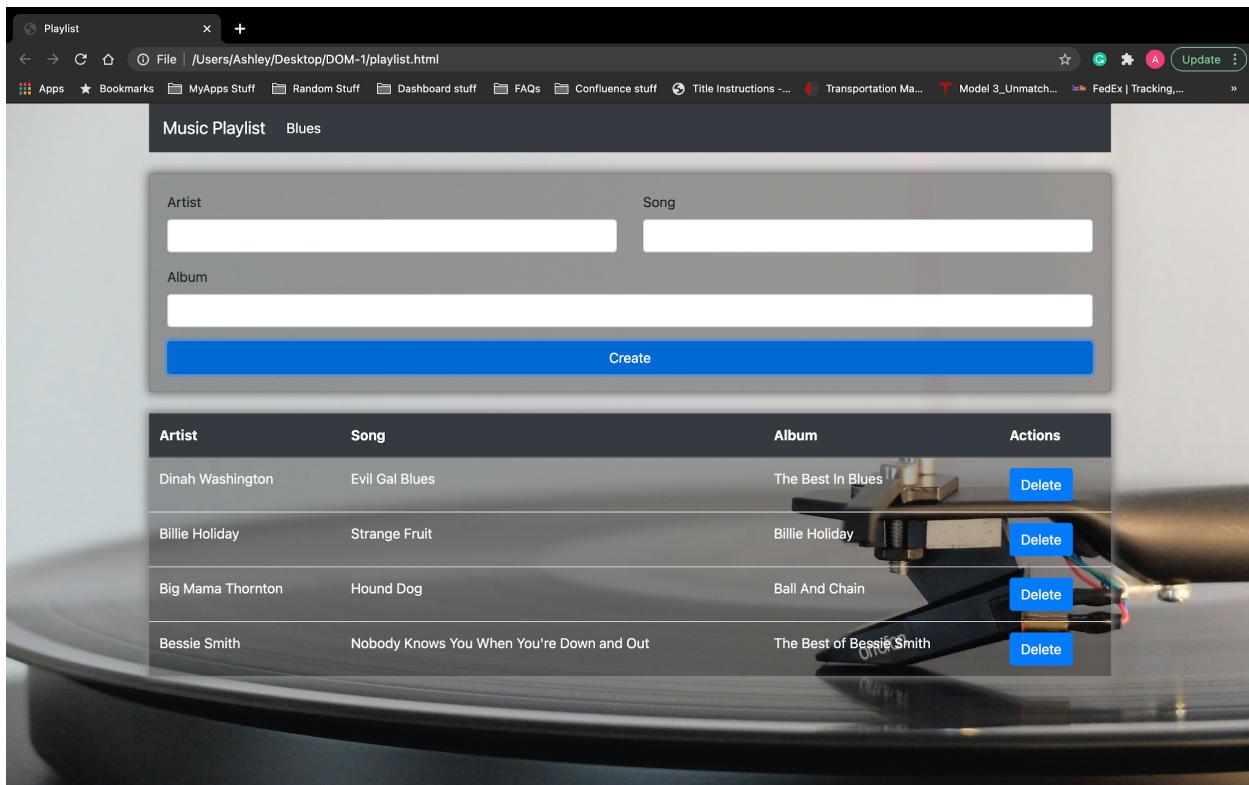
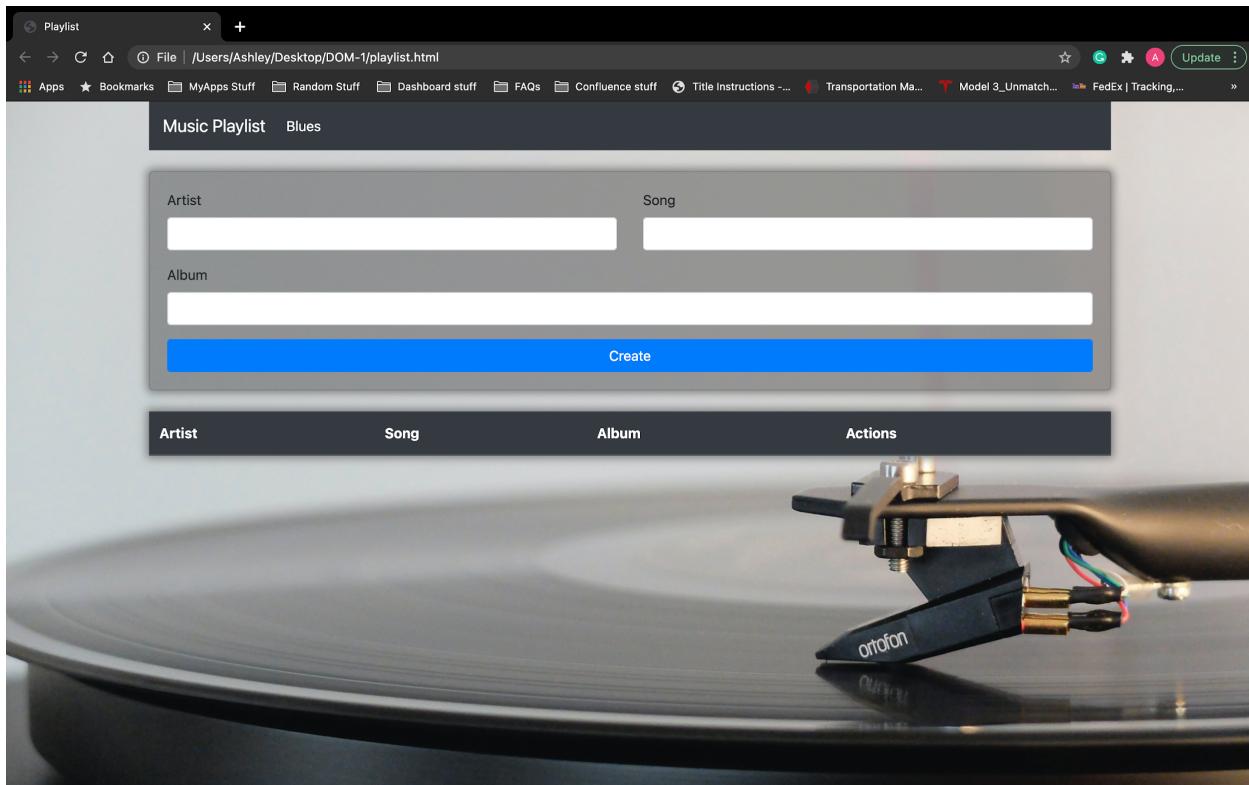


```
Users > Ashley > Desktop > DOM-1 > JS playlist.js > ...
1 let id = 0;
2
3 document.getElementById('add').addEventListener('click', () => {
4     let table = document.getElementById('list');
5     let row = table.insertRow(1);
6     row.setAttribute('id', `item-${id}`);
7     row.insertCell(0).innerHTML = document.getElementById('new-artist').value;
8     row.insertCell(1).innerHTML = document.getElementById('new-song').value;
9     row.insertCell(2).innerHTML = document.getElementById('new-album').value;
10    let actions = row.insertCell(3);
11    actions.appendChild(createDeleteButton(id++));
12    document.getElementById('new-artist').value = '';
13    document.getElementById('new-song').value = '';
14    document.getElementById('new-album').value = '';
15 });
16
17 function createDeleteButton(id) {
18     let btn = document.createElement('button');
19     btn.className = 'btn btn-primary';
20     btn.id = id;
21     btn.innerHTML = 'Delete';
22     btn.onclick = () => {
23         console.log(`Deleting row with id: item-${id}`);
24         let elementToDelete = document.getElementById(`item-${id}`);
25         elementToDelete.parentNode.removeChild(elementToDelete);
26     };
27     return btn;
28 }
```



```
Users > Ashley > Desktop > DOM-1 > # style.css > ↵ tr
1 body {
2     background: url(music/Vinyl.jpg) no-repeat center center fixed;
3     background-size: cover;
4 }
5
6 .card, table {
7     background-color: □rgba(0, 0, 0, 0.3);
8     box-shadow: 0px 0px 10px 3px □grey;
9 }
10
11 tr {
12     color: □white;
13 }
```

## Screenshots of Running Application:



The screenshot shows a Mac desktop with a dark-themed desktop background. A Chrome browser window is open, displaying a "Music Playlist" application. The app has three input fields: "Artist", "Song", and "Album", each with a text input box. Below these is a "Create" button. Underneath is a table listing four entries:

Artist	Song	Album	Actions
Dinah Washington	Evil Gal Blues	The Best In Blues	<button>Delete</button>
Billie Holiday	Strange Fruit	Billie Holiday	<button>Delete</button>
Big Mama Thornton	Hound Dog	Ball And Chain	<button>Delete</button>

To the right of the browser is a terminal window titled "playlist.html" showing the source code for the application. The code includes Bootstrap CSS imports and a basic HTML structure with form controls for adding new entries.

This screenshot is nearly identical to the one above, showing the same Mac desktop setup with the "Music Playlist" application in the browser and its corresponding HTML code in the terminal. The only difference is the addition of a new entry in the playlist table:

Artist	Song	Album	Actions
Dinah Washington	Evil Gal Blues	The Best In Blues	<button>Delete</button>
Billie Holiday	Strange Fruit	Billie Holiday	<button>Delete</button>
Big Mama Thornton	Hound Dog	Ball And Chain	<button>Delete</button>
Bessie Smith	Nobody Knows You When You're Down and Out	The Best of Bessie Smith	<button>Delete</button>