

Front End Technologies Week 12 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. Create a full CRUD application of your choice. If you can use an existing API, use AJAX to interact with it. However, you do not have to use an API. If you do not use an API, store the entities you will create, read, update, and delete in an array.
 - **a.** Use a form to add new entities
 - **b.** Build a way for users to update or delete entities
 - c. Use Bootstrap and CSS to style your project

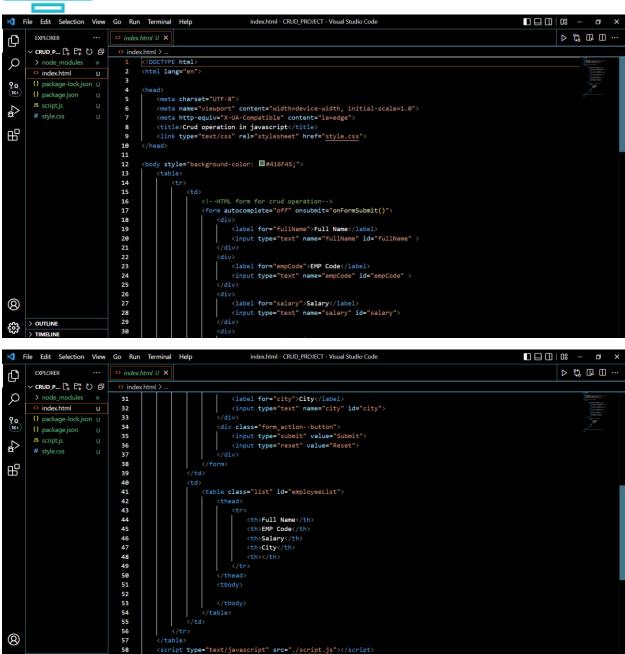
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Html file:



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      index.html U
      {} package-lock.json U
                                                          Full Name
                           45
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                                                          EMP Code
                                                          Salary
City
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                                    <script type="text/javascript" src="./script.js"></script>
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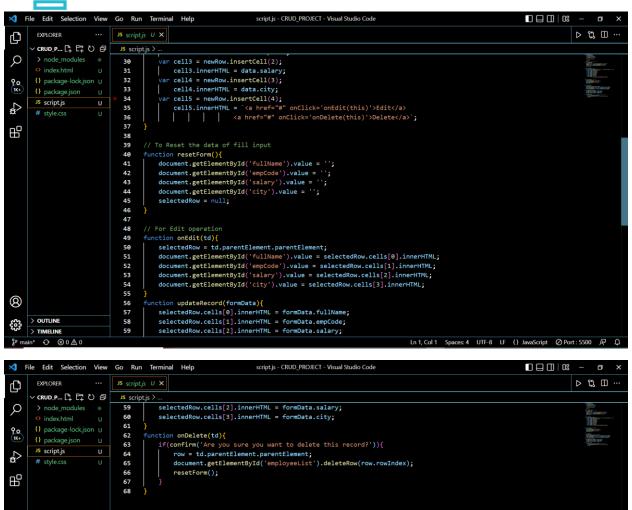
JavaScript file:

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                                                              var selectedRow = null;
                                                              function onFormSubmit(e){
    event.preventDefault();
           [] package-lock.json U
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                                                                    var formData = readFormData();
if(selectedRow === null){
           {} package.json U
                                  U
           JS script.js
2
            # style.css
                                                                     }else{
                                                                          updateRecord(formData)
8
                                                    10
11
                                                                    resetForm();
                                                              // Read operation using this function
function readFormData(){
                                                    12
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                                                                   ction readrormbata(){
van formData = {};
formData["fullName"] = document.getElementById("fullName").value;
formData["empCode"] = document.getElementById("empCode").value;
formData["salary"] = document.getElementById("city").value;
formData["city"] = document.getElementById("city").value;
return formData;
                                                             // Create operation
                                                    23
24
25
                                                              function insertNewRecord(data){
                                                                   var table = document.getElementById("employeeList").getElementsByTagName('tbody')[0];
var newRow = table.insertRow(table.length);
                                                                   var cell1 = newRow.insertCell(0);
    cell1.innerHTML = data.fullName;
var cell2 = newRow.insertCell(1);
                                                    26
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                                                                     cell2.innerHTML = data.empCode;
var cell3 = newRow.insertCell(2);
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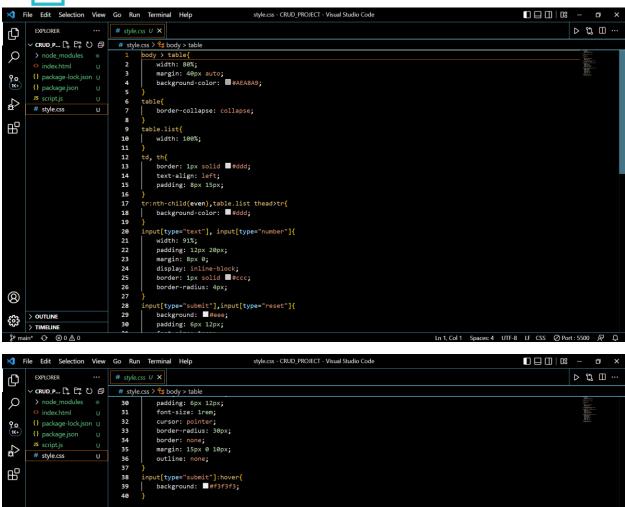


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Css file:





Screenshots of Running Application:



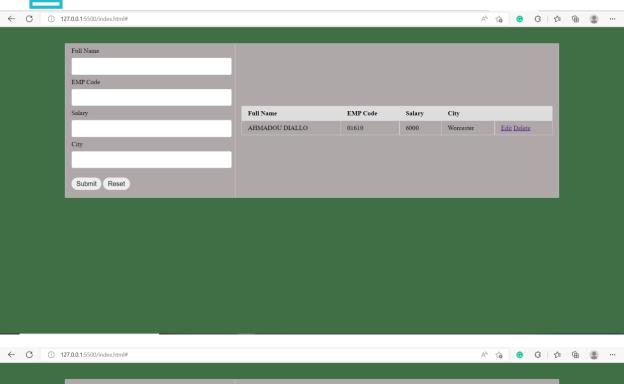
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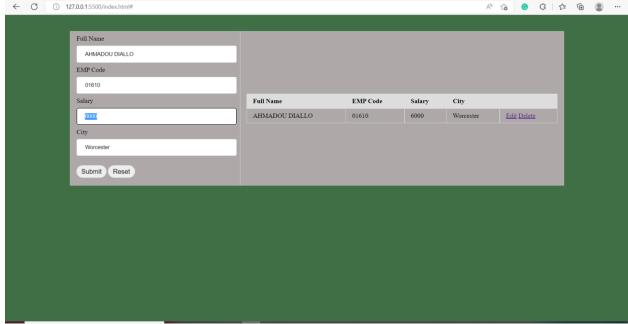




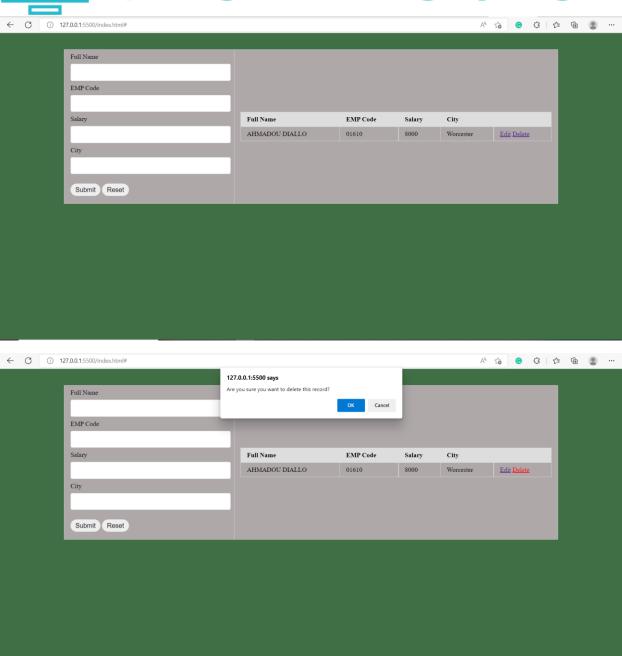


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URL to GitHub Repository: