# Front End Technologies Week 4 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:
   1. A Bootstrap styled table representing your choice of data.
   2. A Bootstrap styled form that allows a user to add a new row to the table when submitted.

**Screenshots of Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<title>Add Row to Table</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container pt-3">

<h2>Student: JORGE CRUZ DE LEON</h2>

<h2>Fill the form to add row in Table</h2>

<form class="form-inline mt-3">

<label for="name">First Name:</label>

<input type="text" class="form-control" placeholder="Enter First Name" id="fname">

<label for="lname">Last Name:</label>

<input type="text" class="form-control" placeholder="Enter Last Name" id="lname">

<label for="course">Type of:</label>

<input type="text" class="form-control" placeholder="Enter License Number" id="cname">

</form>

<button type="submit" onclick="myFunction()" class="btn btn-primary mt-2">Submit</button>

<table class="table table-dark table-hover mt-5" id="myTable">

<thead>

<tr>

<th>First Name</th>

<th>Last Name</th>

<th>License#</th>

</tr>

</thead>

</table>

</div>

<script>

function myFunction() {

let firstN = document.getElementById('fname').value;

let lastN = document.getElementById('lname').value;

let courseN = document.getElementById('cname').value;

var table = document.getElementById("myTable");

var row = table.insertRow(1);

var cell1 = row.insertCell(0);

var cell2 = row.insertCell(1);

var cell3 = row.insertCell(2);

cell1.innerHTML = firstN;

cell2.innerHTML = lastN;

cell3.innerHTML = courseN;

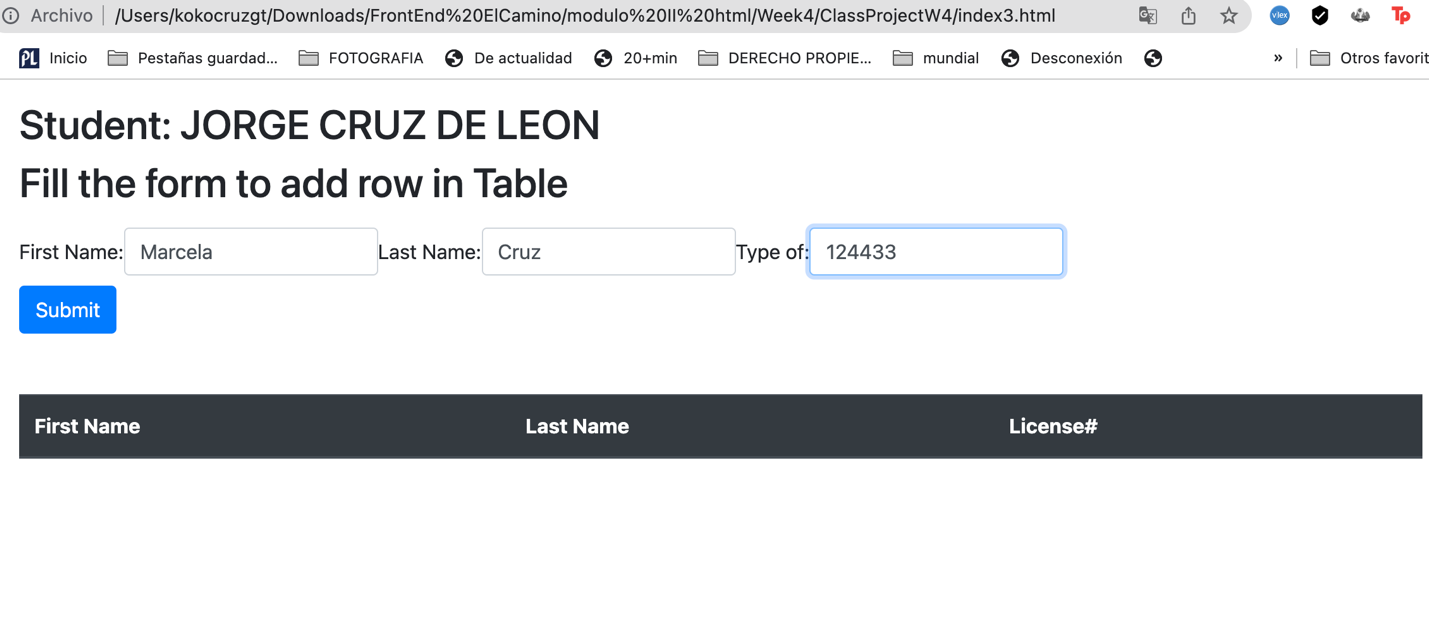
}

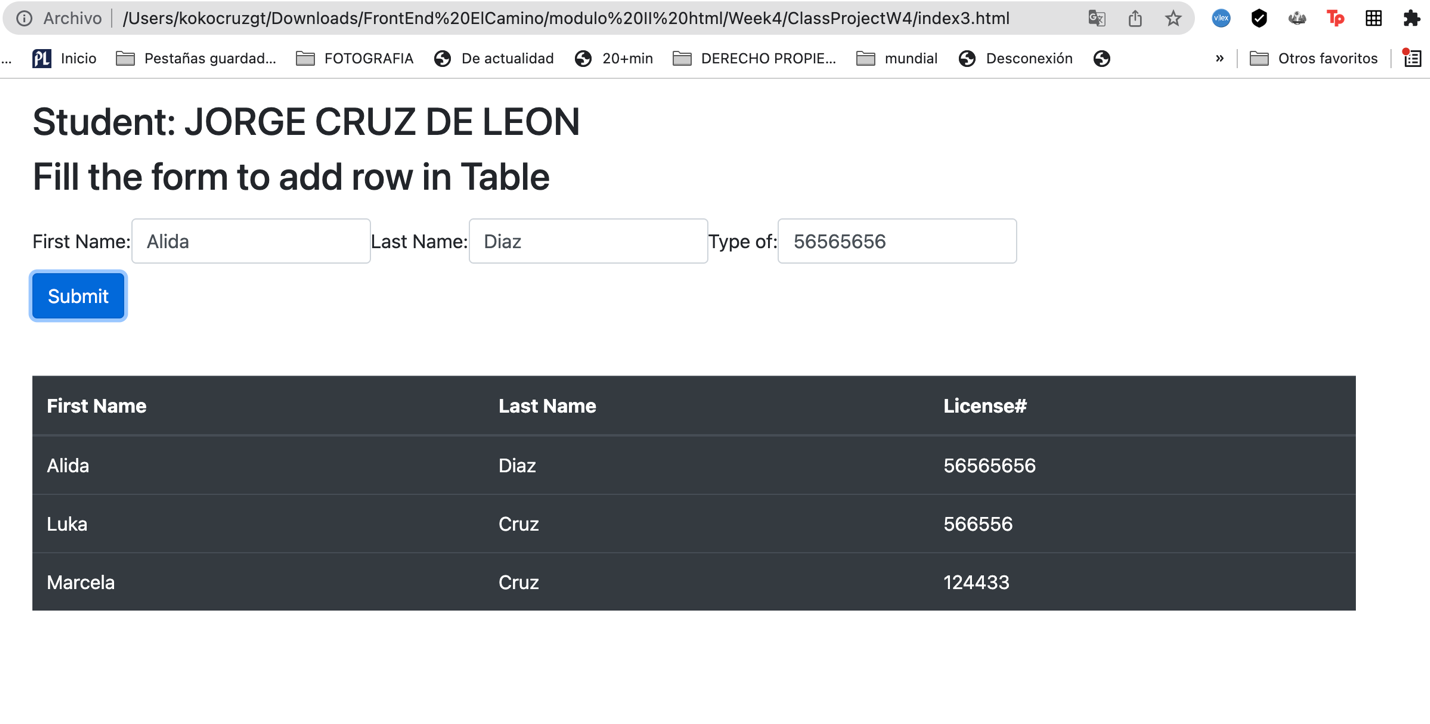
</script>

</body>

</html>

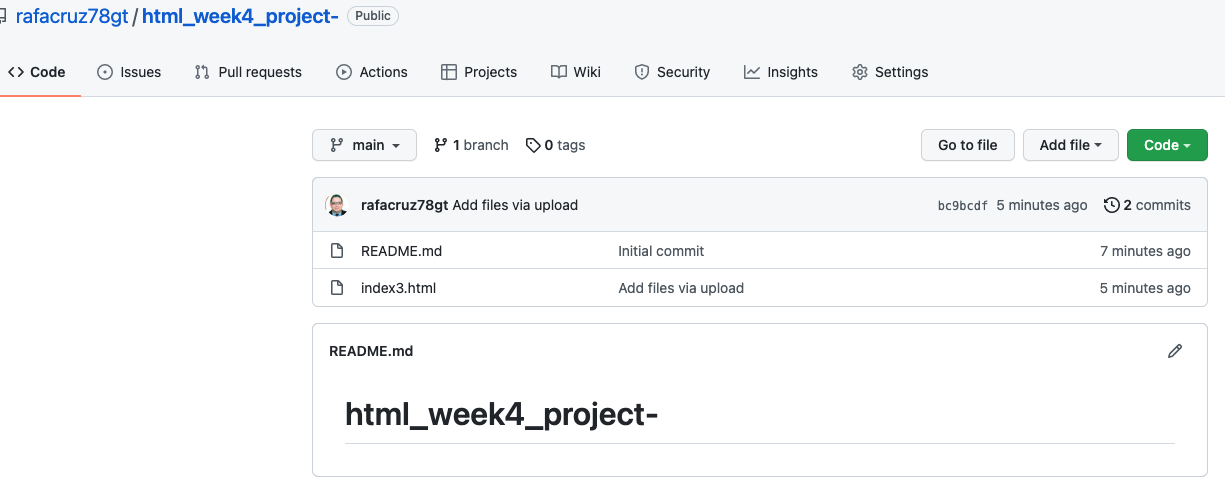
**Screenshots of Running Application:**

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**URL to GitHub Repository:**

[**https://github.com/rafacruz78gt/html\_week4\_project-**](https://github.com/rafacruz78gt/html_week4_project-)

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