

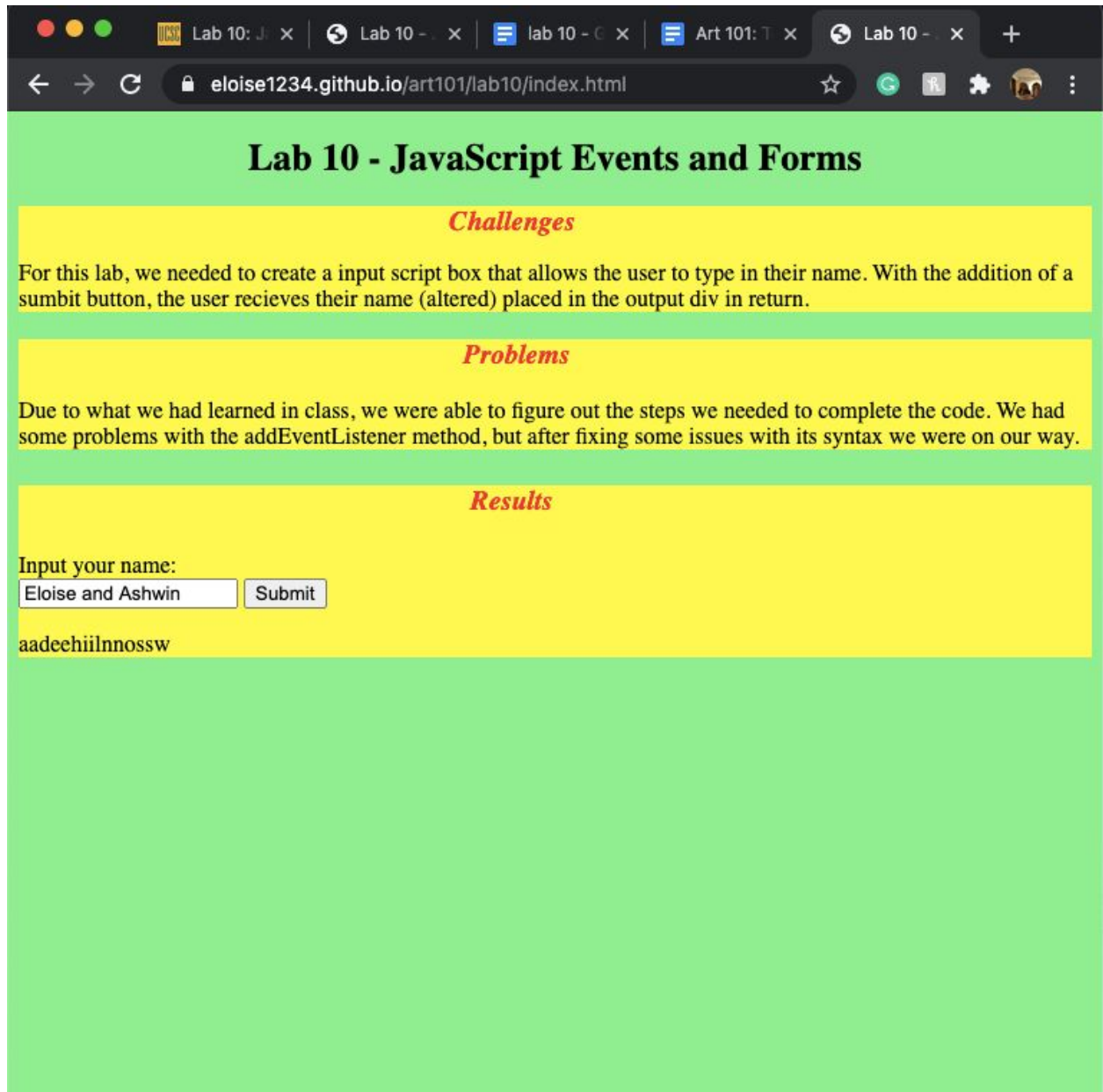
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Section C
LAB 10
2/15/2021

```
index.html — ~/Desktop/art101
index.html lab.js lab.css
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Lab 10 - JavaScript Events and Forms</title>
5   <link rel="stylesheet" type="text/css" href="../css/site.css">
6   <link rel="stylesheet" type="text/css" href="css/lab.css">
7   <script src="js/lab.js"defer></script>
8 </head>
9 <body>
10  <h1> Lab 10 - JavaScript Events and Forms</h1>
11
12  <div id="challenge">
13    <h2> Challenges </h2>
14    <p> For this lab, we needed to create a input script box that allows the user
15  </div>
16
17  <div id="problems">
18    <h3> Problems </h3>
19    <p> Due to what we had learned in class, we were able to figure out the step
20  </div>
21
22  <div id="results">
23    <h4> Results </h4>
24    <div>
25      <p>
26        <label> Input your name:<br>
27          <input type="input" id="username"></input>
28        </label>
29        <button id= "submit-button"> Submit </button>
30      </p>
31
32  <div id="output"></div>
33 </div>
34 </div>
```

Task 1: HTML code

```
index.html  lab.js  lab.css
1
2  /**
3   * Author: Eloise Shevin and Ashwin Gupta
4   * Created: 2.10.2021
5   * License: Public Domain
6   */
7
8
9  function shuffleArray(array) {
10     var currentIndex = array.length, temporaryValue, randomIndex;
11
12     function sortUsername(username) {
13         return username.toLowerCase().split('').sort().join('');
14     }
15
16     var submitButton = document.getElementById('submit-button');
17     submitButton.addEventListener("click", function() {
18         console.log("Submitted");
19         var username = document.getElementById('username').value;
20         var sortedName = sortUsername(username);
21         var outputArea = document.getElementById('output');
22         outputArea.innerText = sortedName;
23     })
24
```

Task 2: Javascript code



Lab on Github

<https://eloise1234.github.io/art101/lab10/index.html>

Summary of efforts:

Starting lab 10 was quite simple, as we are now exponentially familiar with creating an HTML file and designing its attached CSS file. For this lab's CSS, we wanted to play on color and make the font really stand out by being white. We really enjoyed the look of it as we also experimented with background colors. It looks quite simple, yet we wanted to take a minimalistic approach in order for the

text to really pop. Due to what we had learned in class, we were able to figure out the steps we needed to complete the code. We had some problems with the `addEventListener` method, but after fixing some issues with its syntax we were on our way. After which, we finally published the page onto Github. Though we encountered some difficulties with this lab, we were able to put our minds together and problem solve as a team.