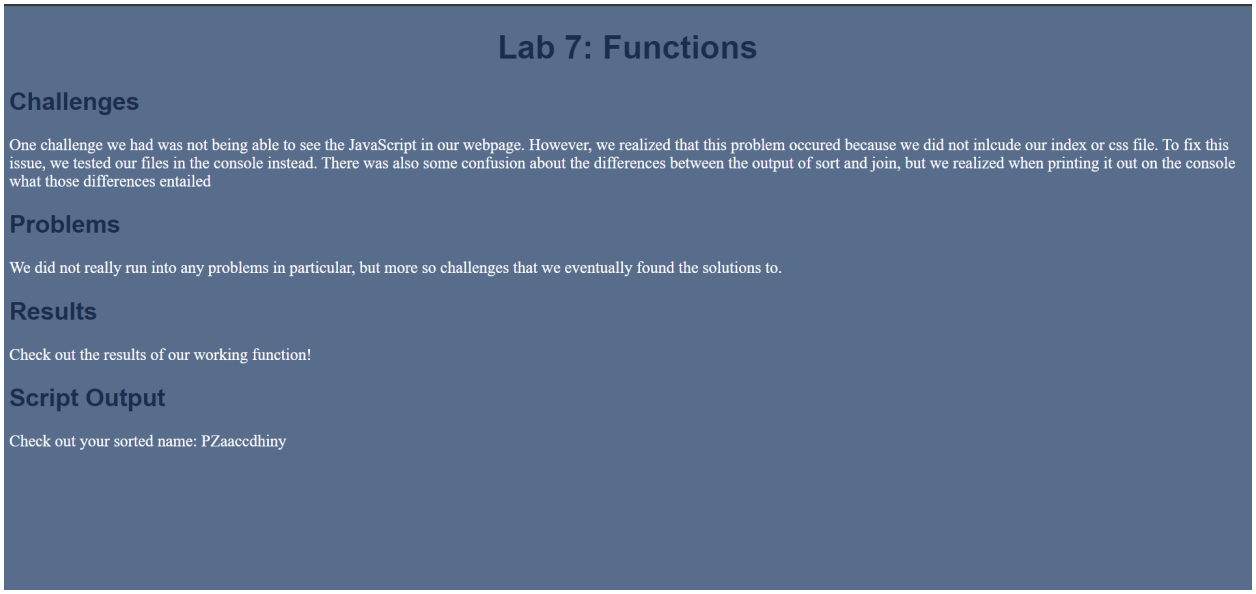
Pichy Jumpholwong & Zac Nakamura
Lab 7: Functions
4/28/22

Task 1:

```html
<!DOCTYPE html>
</html>
<html>
  <head>
      <title>Lab 7 - Functions</title>
      <link rel="stylesheet" type="text/css" href="../css/site.css">
      <link rel="stylesheet" type="text/css" href="css/lab.css">
  </head>
  <body>
       <h1>Lab 7: Functions</h1>
       <h2>Challenges</h2>
       <p>One challenge we had was not being able to see the JavaScript in our webpage. However, we realized that this problem
         occured because we did not inlcude our index or css file. To fix this issue, we tested our files in the console instead.
         There was also some confusion about the differences between the output of sort and join, but we realized when printing
         it out on the console what those differences entailed</p>
       <h2>Problems</h2>
       <p>We did not really run into any problems in particular, but more so challenges that we eventually found the
         solutions to.</p>
       <h2>Results</h2>
       <p>Check out the results of our working function!</p>
       <div>
           <h2>Script Output</h2>
           <script src="js/lab7.js"></script>
       </div>
    </body>
</html>
```

```css
h1 {
  text-align: center;
  color: #1A2D4D;
  font-size: 40px;
  font-family: sans-serif;
}

h2 {
  text-align: left;
  color: #1A2D4D;
  font-size: 30px;
  font-family: sans-serif;
}

div {
  text-align: left;
}

p {
  text-align: left;
}

body {
  font-size: 20px;
  color: white;
  background-color: #586C8C;
}
```

Screenshot of our Atom source code



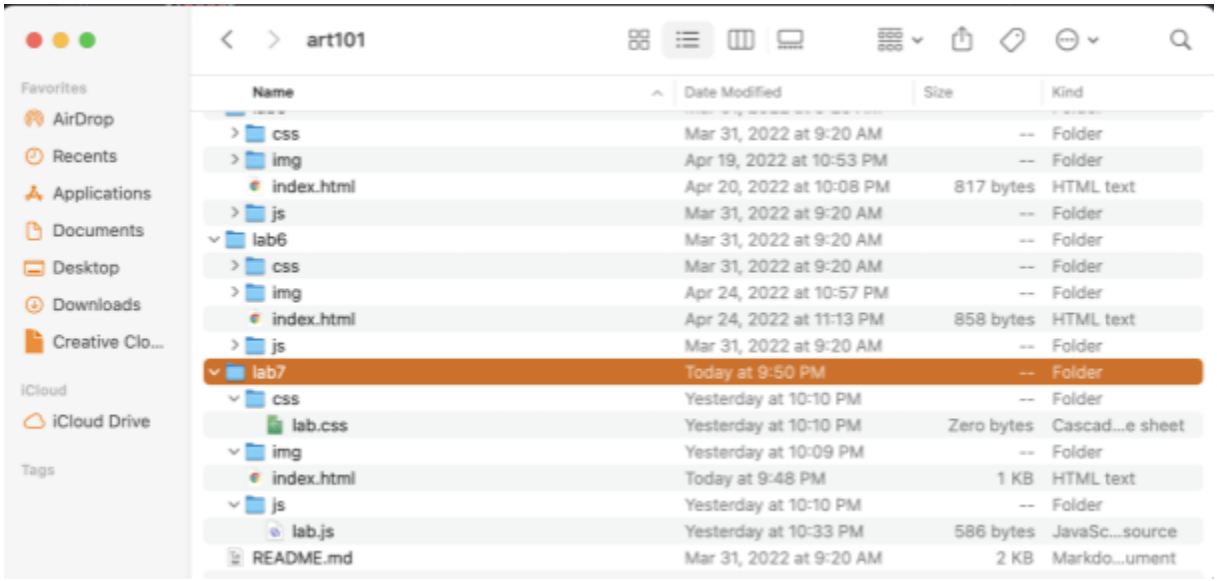
Screenshot of our final published lab page

Task 2:

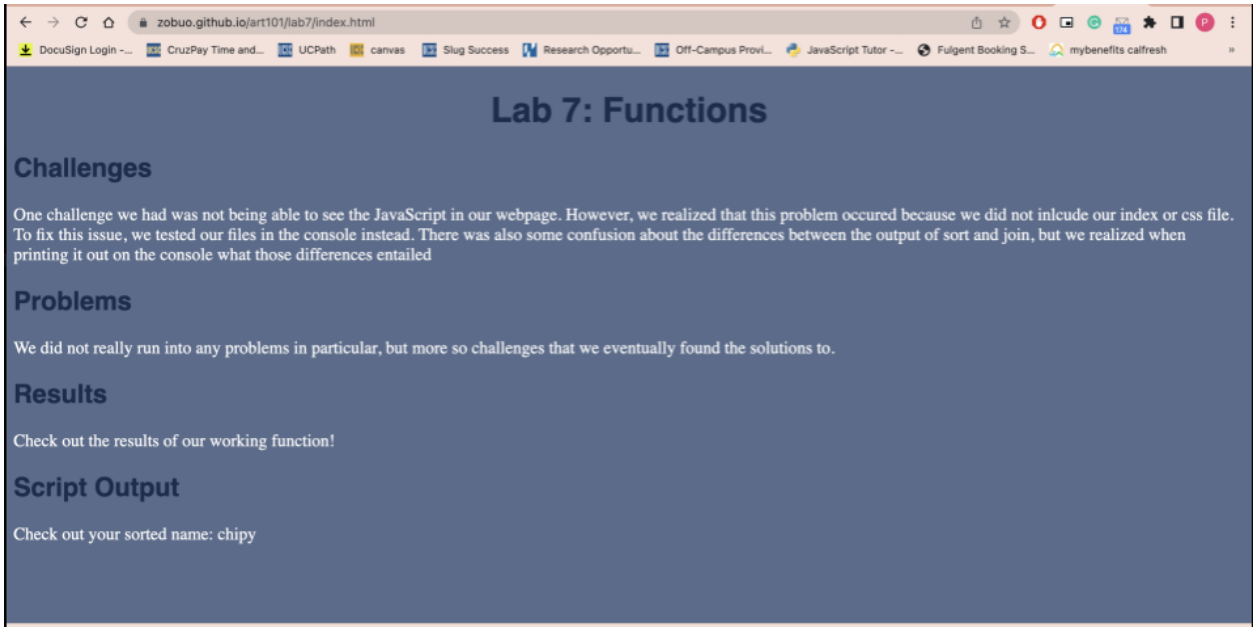
```
// Authors: Pichy Jumpholwong and Zac Nakamura
// Created: 26 April 2022
// License: Public Domain

// Create a new function in your file, call it what you like, but choose wisely
function names() {
  // declare the variable userName and use window.prompt() to get the user's name from the user.
  var userName = window.prompt("Enter your name!");
  console.log("Your name is =", userName);
  // splitting the string into an array
  var nameSplit = userName.split('');
  console.log("The name split is:", nameSplit);
  // sorting the array
  var nameSort = nameSplit.sort();
  console.log("The sorted name is:", nameSort);
  // joining array back to a string
  var nameJoin = nameSort.join('');
  console.log("The name joined is:", nameJoin);
  // return the results
  return nameJoin;
}
// calling the function
document.writeln("Check out your name: ", names(), "</br>");
```

Screenshot of our JavaScript file in Atom

Task 3:



Screenshot of our file structure



Screenshot of our uploaded file in the server

Self-Evaluation Rubric:

Self Evaluation Rubric (Pichy Jumpholwong and Zac Nakamura)						
Did you complete the assignment and did you complete it on time?	Submitted on time	Up to 1 day late	Up to 2 days late	Up to 3 days late	4 days late or more	Do you need to clarify?
	✅	☐	☐	☐	☐	

Did you collaborate with a partner?	Worked with partner			Worked alone		Do you need to clarify?
	✅			☐		
Did you put in earnest effort and provide an articulate summary of your experience?	Excellent	Pretty good	About average	Could be improved	Not this time	What supports this?
	✅	☐	☐	☐	☐	
Was the assignment complete, with minimal errors, correct output, and good style?	Excellent	Pretty good	About average	Could be improved	Not this time	What supports this?
	✅	☐	☐	☐	☐	
How much EXTRA effort did you put into the assignment?	A lot of extra effort		Some extra effort		Not this time	What supports this?
	✅		☐		☐	

Summary of your evaluation/efforts:

We both made sure that we were doing the javascript file correctly by discussing with one another which variables we wanted to use. In addition to this, we made sure that our variables made sense and that our variables matched each other's on Atom. We also ensured that the window prompt worked by testing it out on our own and inputting not just one array for testing, but many arrays in order to see if the console showed our code working correctly. In order to better understand sorting and joining, we made sure to use our resources like W3Schools in order to see examples of how the output should look like.