

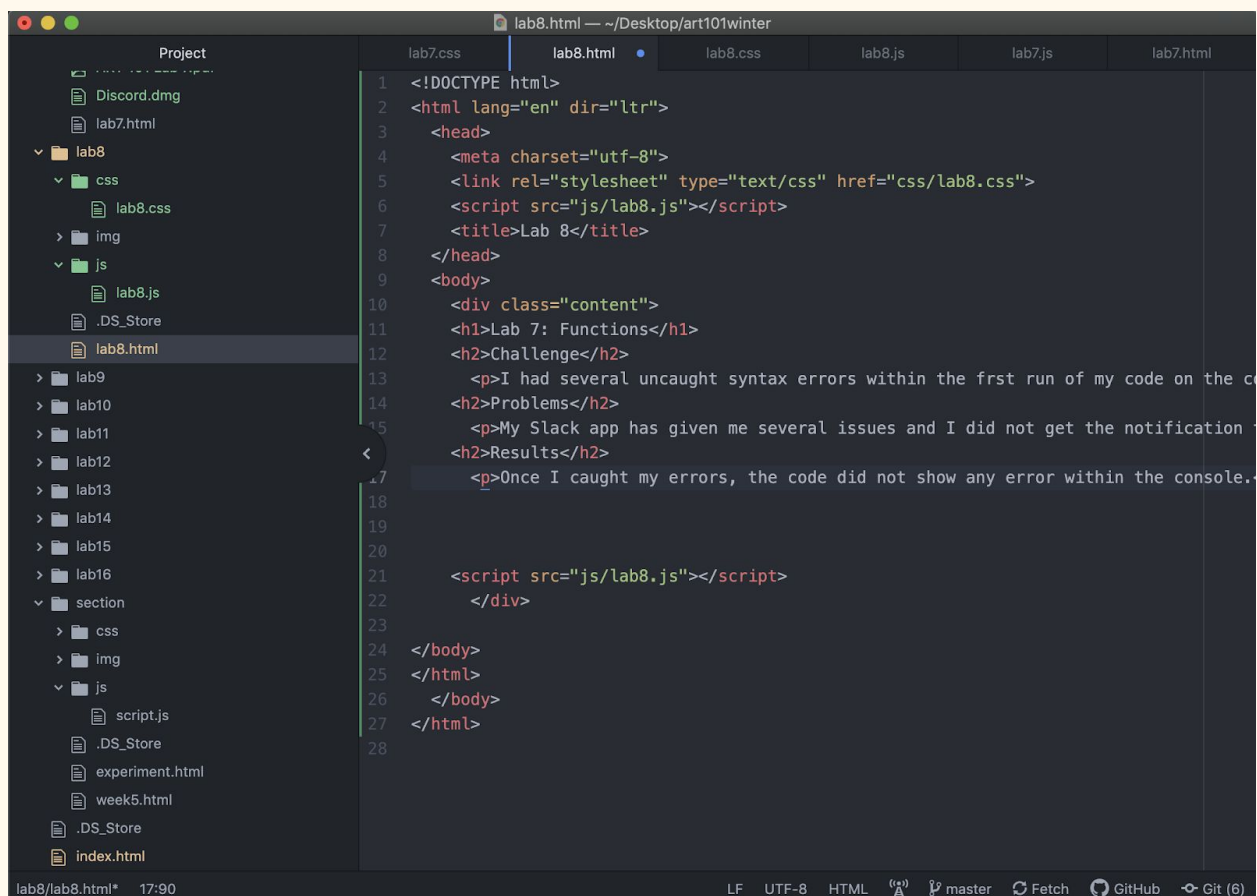
# Lab 8

# Anon Functions and Callbacks

By Julian Fee (c)

The screenshot shows a web browser window with multiple tabs open, including 'MyUCSC', 'Essay - G...', 'Lab 8: Anon...', '80T Modu...', 'Inbox (6,5)', 'Inbox (2,5)', 'Spam (31)', 'Peacock', and 'Netflix'. The address bar shows the URL 'canvas.ucsc.edu/courses/39790/assignments/204013?module\_item\_id=345738'. The page content is for 'ART-101-01 > Assignments > Lab 8: Anon Functions and Callbacks'. On the left is a sidebar with navigation links: Home, Syllabus, Modules, Announcements, Zoom, YuJa, Assignments (selected), Discussions, Grades, People, and Pages. The main content area has a header 'Lab 8: Anon Functions and Callbacks' with a 'Submit Assignment' button. Below this is a table with columns: Due (Tuesday by 8:50am), Points (10), Submitting (a file upload), and File Types (pdf). The 'Big Idea' section states: 'Working with your partner, experiment with anonymous functions and callbacks.' The 'Task 1: Create an index.html for Lab 8' section provides instructions: 'As always, create the proper folders and an index, css, and JavaScript files for this lab. And make sure you also put a link from your art101 homepage to this lab'. A numbered list follows: 1. Create art101/lab8/index.html with three organized sections: Challenge, Problems, and Results; 2. Use heading, div, and paragraph tags to organize your page; 3. Unlike in the past, link a JavaScript file from the <head> section of your HTML like this:

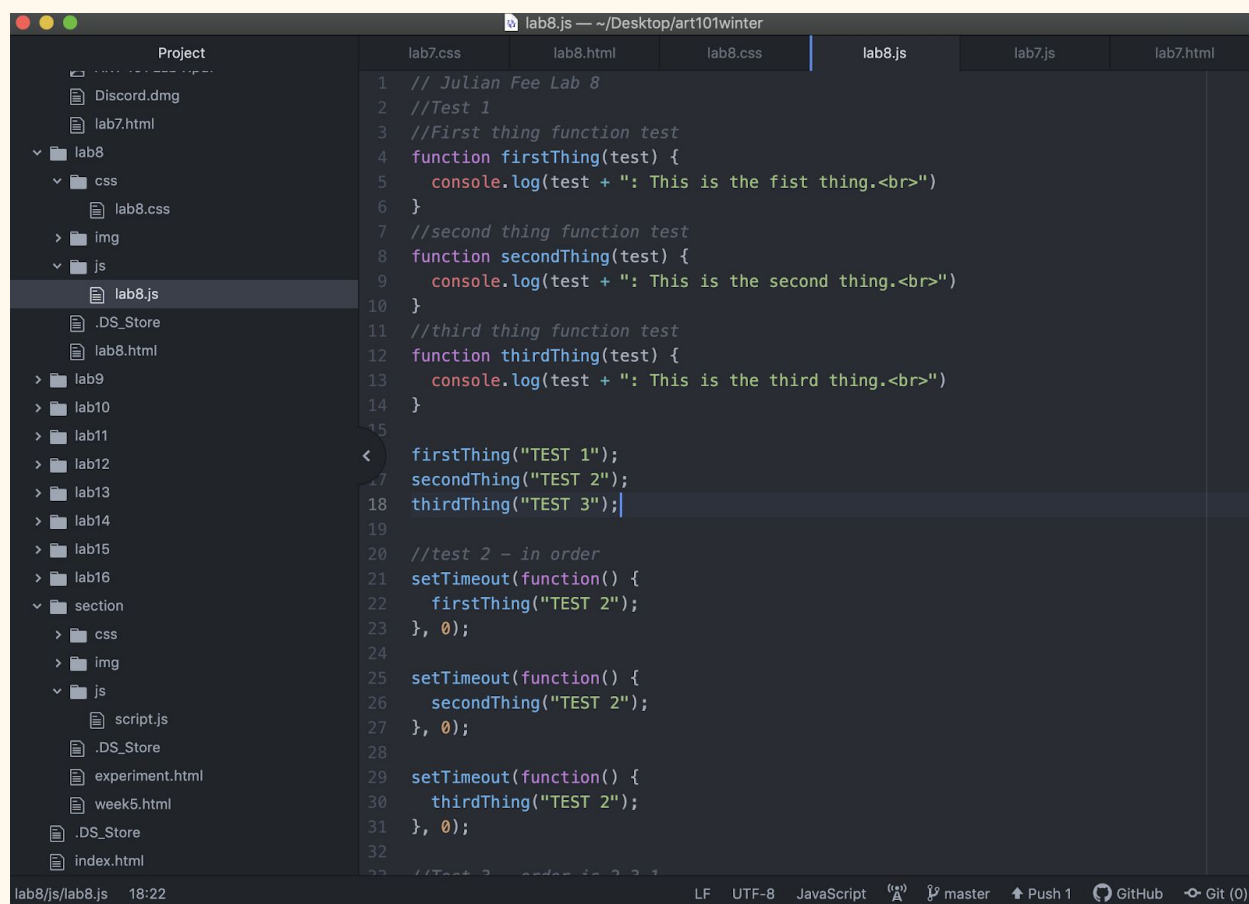
## Task 1: Create an index.html for Lab 7



```
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3   <head>
4     <meta charset="utf-8">
5     <link rel="stylesheet" type="text/css" href="css/lab8.css">
6     <script src="js/lab8.js"></script>
7     <title>Lab 8</title>
8   </head>
9   <body>
10    <div class="content">
11      <h1>Lab 7: Functions</h1>
12      <h2>Challenge</h2>
13      <p>I had several uncaught syntax errors within the first run of my code on the c
14      <h2>Problems</h2>
15      <p>My Slack app has given me several issues and I did not get the notification
16      <h2>Results</h2>
17      <p>Once I caught my errors, the code did not show any error within the console.
18
19
20
21    <script src="js/lab8.js"></script>
22  </div>
23 </body>
24 </html>
25 </body>
26 </html>
27 </html>
28
```

(HTML code in Atom.)

## Task 2: Create a JavaScript file



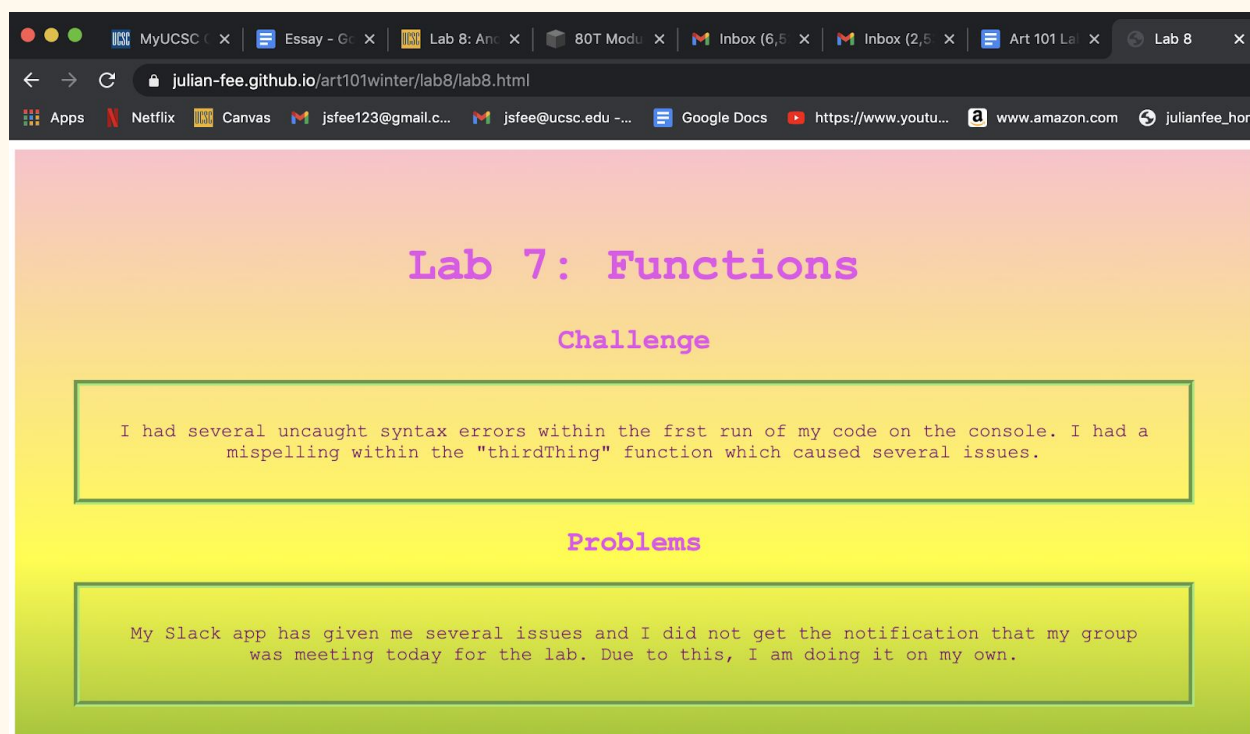
```
1 // Julian Fee Lab 8
2 //Test 1
3 //First thing function test
4 function firstThing(test) {
5   console.log(test + ": This is the first thing.<br>")
6 }
7 //second thing function test
8 function secondThing(test) {
9   console.log(test + ": This is the second thing.<br>")
10 }
11 //third thing function test
12 function thirdThing(test) {
13   console.log(test + ": This is the third thing.<br>")
14 }
15
16 firstThing("TEST 1");
17 secondThing("TEST 2");
18 thirdThing("TEST 3");
19
20 //test 2 - in order
21 setTimeout(function() {
22   firstThing("TEST 2");
23 }, 0);
24
25 setTimeout(function() {
26   secondThing("TEST 2");
27 }, 0);
28
29 setTimeout(function() {
30   thirdThing("TEST 2");
31 }, 0);
32
33 //Test 3 - order 1, 2, 3, 1
```

( JavaScript in Atom.)

## Task 3: Test, Debug, and Upload

*Link to published Lab 8 webpage:*

<https://julian-fee.github.io/art101winter/lab8/lab8.html>



*(Published Lab 8 webpage, ignore the title it is fixed.)*

## Summary of Efforts:

I created a new folder for lab 8, and put the corresponding index.html, JavaScript, and CSS files into it. Initially, I had several issues with the code, because of a minor spelling error. Once I fixed this the js worked perfectly. I also wanted to do something a bit different for my CS, so I fidgeted around with different gradients and how to link them into the HTML with a <div>. Overall, this lab was pretty challenging because of some miscommunications with my group mates and I ended up having to do it on my own.