

# Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-007-F2024/it202-module-3-js-and-css-challenge/grade/jd755>

Course: IT202-007-F2024

Assignment: [IT202] Module 3 JS and CSS Challenge

Student: Jeremy R. (jd755)

## Submissions:

Submission Selection

1 Submission [submitted] 9/26/2024 10:32:35 PM

## Instructions

^ COLLAPSE ^

Overview Video: <https://youtu.be/Xlr017S2CFw>

- **Reminder: Make sure you start in dev and it's up to date**
  1. `git checkout dev`
  2. `git pull origin dev`
  3. `git checkout -b M3-Challenge-HW`
- 1. Create a copy of the template given here:  
<https://gist.github.com/MattToegel/77e4b66e3c73c074ea215562ebce717c>
- 2. Implement the changes defined in the body of the code
- 3. Hint: You may want to use your browser's developer tools to see the script that's pulled in, this may help with a few challenges
- 4. **Do not** edit anything where the comments tell you not to edit, you will lose points for not following directions
- 5. Make changes where the comments tell you (via TODO's or just above the lines that tell you not to edit below)
  1. **Hint:** Just change things in the designated `<style>` and `<script>` tags
  2. **Important:** The function that drives one of the challenges is `updateCurrentPage(str)` which takes 1 parameter, a string of the word to display as the current page. This function is not included in the code of the page, along with a few other things, are linked via an external js file. Make sure you do not delete this line.
- 6. Create a branch called M3-Challenge-HW if you haven't yet

7. Add this template to that branch (`git add/git commit`)
8. Make a pull request for this branch once you push it
9. You may manually deploy the HW branch to dev to get the evidence for the below prompts
10. Once done, generate the output/submission file
11. Add, commit, and push the submission file
12. Close the pull request by merging it to dev (double-check all looks good on dev)
13. Manually create a new pull request from dev to prod (i.e., base: prod <- compare: dev)
14. Complete the merge to deploy to production
15. Upload the same submission file to Canvas
16. Checkout dev and pull latest changes to prepare for future work

**Branch name:** M3-Challenge-HW

**Group**



Group: Challenges  
Tasks: 2  
Points: 8

^ COLLAPSE ^

**Task**



Group: Challenges  
Task #1: Evidence of working JS  
Weight: ~50%  
Points: ~4.00

^ COLLAPSE ^

**i Details:**

For each screenshot, the h1 tag and the title (tab) should have the same content shown at the end of the URL.



Screenshots should be from Heroku dev

Columns: 1

**Sub-Task**

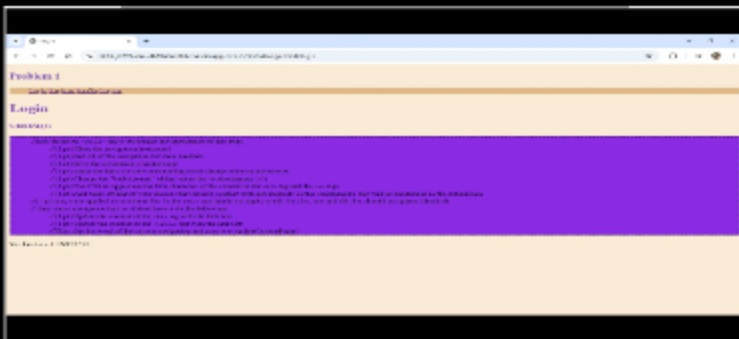


Group: Challenges  
Task #1: Evidence of working JS  
Sub Task #1: A screenshot showing the page after the login link is clicked with URL shown

## Task Screenshots

Gallery Style: 2 Columns

4 2 1



How the page looks the after the log in link was clicked.

Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

Sub-Task

Group: Challenges

100%

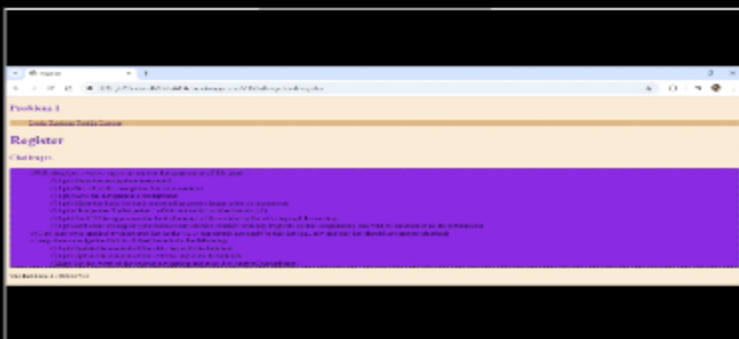
Task #1: Evidence of working JS

Sub Task #2: A screenshot showing the page after the register link is clicked with URL shown

## Task Screenshots

Gallery Style: 2 Columns

4 2 1



How the page looks the after the register link was clicked.

Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

Sub-Task

Group: Challenges

100%

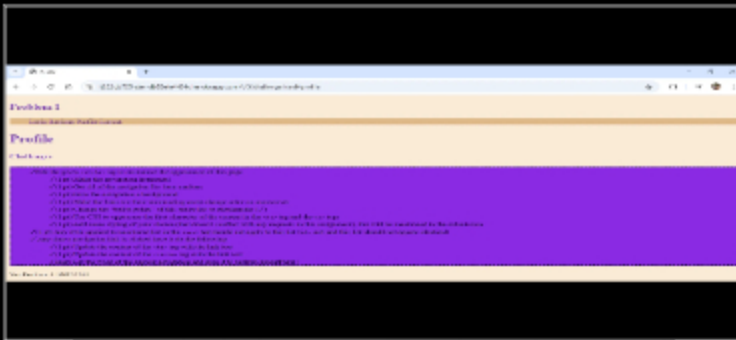
Task #1: Evidence of working JS

Sub Task #3: A screenshot showing the page after the profile link is clicked with URL shown

## Task Screenshots

Gallery Style: 2 Columns

4 2 1



How the page looks the after the profile link was clicked.

**Caption(s) (required)** ✓

Caption Hint: *Describe/highlight what's being shown*

**Sub-Task**

100%

Group: Challenges

Task #1: Evidence of working JS

Sub Task #4: A screenshot showing the page after the logout link is clicked with URL shown

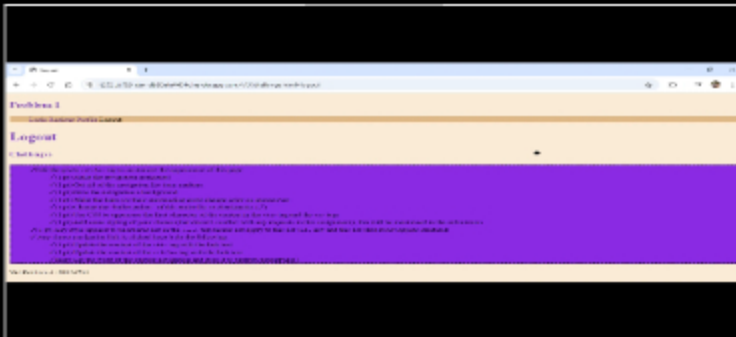
## Task Screenshots

Gallery Style: 2 Columns

4

2

1



How the page looks the after the logout link was clicked.

**Caption(s) (required)** ✓

Caption Hint: *Describe/highlight what's being shown*

End of Task 1

**Task**

100%

Group: Challenges

Task #2: Completed Challenges

Weight: ~50%

Points: ~4.00

⬆️ COLLAPSE ⬆️

**Details:**

Screenshots should be from Heroku dev.

Code screenshots must have ucid/date comments.

Explanations clearly describe solution and why it works (explain the code, don't use the code as an



## Sub-Task

Group: Challenges

Task #2: Completed Challenges

Sub Task #1: Screenshot of full page showing all challenges complete and verification code

100%

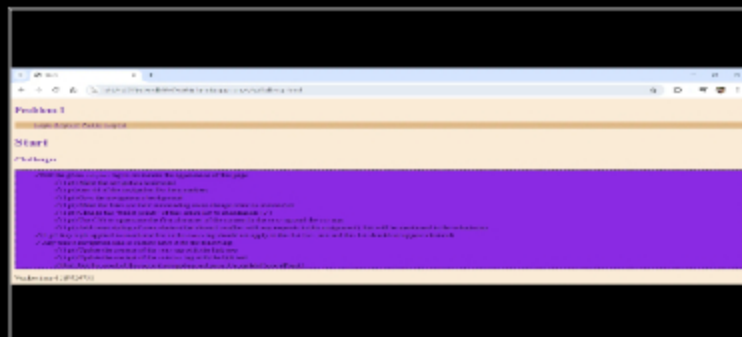
## Task Screenshots

Gallery Style: 2 Columns

4

2

1



Full page shown

## Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## Sub-Task

Group: Challenges

Task #2: Completed Challenges

Sub Task #2: Horizontal Navigation Code

100%

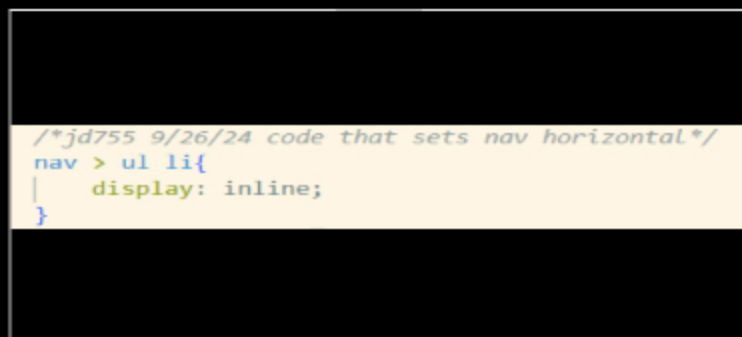
## Task Screenshots

Gallery Style: 2 Columns

4

2

1



Code that allows horizontal navs

## Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## Task Response Prompt

Explain how the solution code makes the navigation horizontal

Response:

I specified that I wanted to select the li element of an ul element that is a child of a nav element. This was important as it differentiated that li element from the others. I used *display: inline* to make these links horizontal. Normally,

each li element would be on a new line. However, by making these elements inline, they are next to each other on the same line.

#### Sub-Task

Group: Challenges

Task #2: Completed Challenges

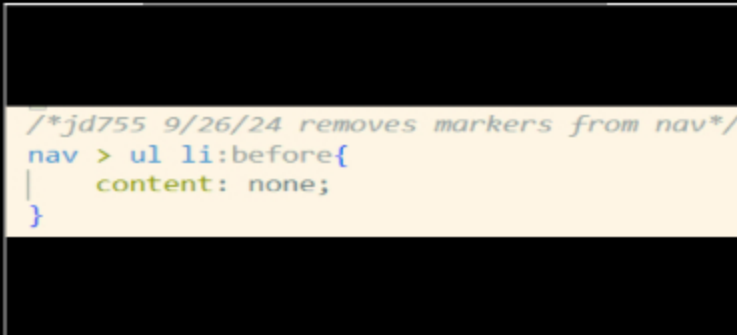
Sub Task #3: Navigation without markers Code

100%

## Task Screenshots

Gallery Style: 2 Columns

4 2 1



Code that allows for no markers

### Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## Task Response Prompt

*Explain how the solution code removes the markers from the nav items*

Response:

This code removes markers from the nav items as I am specifying that there should be nothing in front of the li elements. This is important as later on I added checkmarks in another list. I needed to specify that these do not have a checkmark.

#### Sub-Task

Group: Challenges

Task #2: Completed Challenges

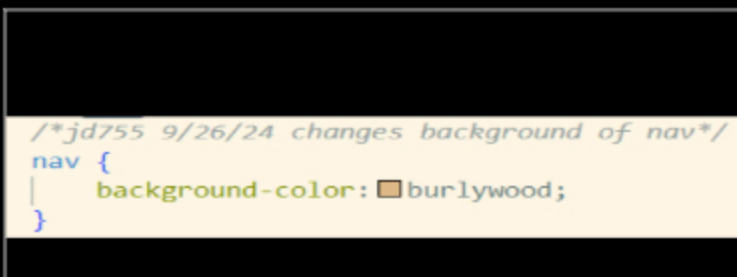
Sub Task #4: Navigation background code

100%

## Task Screenshots

Gallery Style: 2 Columns

4 2 1



Code showing nav background color change

Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## ≡ Task Response Prompt

*Explain how you gave the navigation a background*

Response:

This code works as there is only one nav element in the code, so I don't need to specify which. All that needed to be done was specifying what background color should be used.

Sub-Task

Group: Challenges

Task #2: Completed Challenges

Sub Task #5: Links mouseover/hover Code

100%

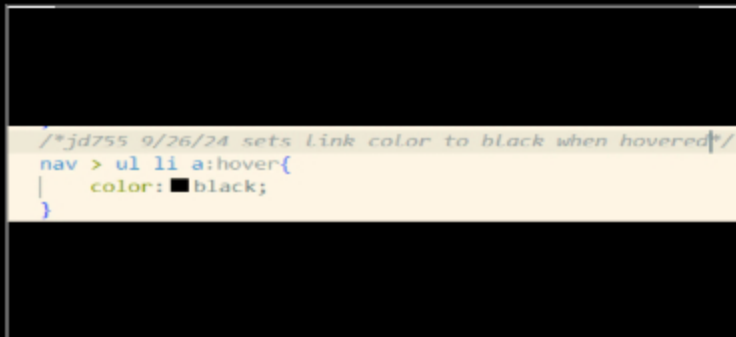
## 🖼 Task Screenshots

Gallery Style: 2 Columns

4

2

1



Code allowing for a different color to be shown when hovered over

Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## ≡ Task Response Prompt

*Explain how you made the links (or their surrounding area) change color on mouseover/hover*

Response:

I specified that I wanted the links in the li elements of the ul element that is a child of the nav class. I used a pseudo-class `:hover` to specify that I want to alter the characteristics of the links when the mouse is hovering over it. When this happens, I simply change the color the text using `color`.

Sub-Task

Group: Challenges

Task #2: Completed Challenges

Sub Task #6: Challenge List Checkmarks (✓) Code

100%

## 🖼 Task Screenshots



```
/*jd755 9/26/24*/
ul{
  list-style-type: none;
}
ul li:before {
  content: '✓';
}
```

Code allowing for checkmarks to be visible.

**Caption(s) (required)** ✓

Caption Hint: *Describe/highlight what's being shown*

## ≡ Task Response Prompt

*Explain how you changed the challenge list bullet points to checkmarks (✓)*

Response:

I first select the list type of all ul elements to none. This removes any markers that were being used. I then used the pseudo-class *before* to add content before the li elements. I used *content* and set it to show the checkmark.

**Sub-Task**

Group: Challenges

Task #2: Completed Challenges

Sub Task #7: Uppercase h1 and anchor tags Code

100%

## 🖼 Task Screenshots

```
/*jd755 9/26/24 capitalized h1 and a*/
h1,a {
  text-transform: capitalize;
}
```

Code that capitalizes the h1 and a elements

**Caption(s) (required)** ✓

Caption Hint: *Describe/highlight what's being shown*

## ≡ Task Response Prompt

*Explain how you made the first character of the h1 tags and anchor tags uppercased*

Response:

I used *text-transform: capitalize* on all h1 and a elements. This capitalizes only the first letter in every word of an element. It does not change the rest of the text, only the first letter of each word.



element. However, each element only contains the one word, so just that word is capitalized.

#### Sub-Task

Group: Challenges

Task #2: Completed Challenges

Sub Task #8: Custom Styling Code

100%

## Task Screenshots

Gallery Style: 2 Columns

4

2

1

```
/*jd755 9/26/24 Personal changes*/
h3 + ul{
  background-color: blueviolet;
  border: dotted;
}
h1, h2, h3{
  color: rgb(125, 63, 184)
}
body{
  background-color: antiquewhite
}
```

Personal CSS changes

### Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## Task Response Prompt

*Explain/describe your custom styling of your choice*

Response:

I changed the background color of the ul element preceded by the h3 element to blueviolet. I set h1, h2, and h3 to a custom RGB value. Lastly, I changed the background color of body to antiquewhite.

#### Sub-Task

Group: Challenges

Task #2: Completed Challenges

Sub Task #9: CSS separating challenge list items and nav

100%

## Task Screenshots

Gallery Style: 2 Columns

4

2

1

```
/*jd755 9/26/24 sets nav horizontal*/
nav > ul li{
  display: inline;
}
/*jd755 9/26/24 sets link color to black when hovered*/
nav > ul li a:hover{
  color: black;
}
/*jd755 9/26/24 removes markers from nav*/
nav > ul li:before{
  content: none;
}
/*jd755 9/26/24*/
ul{
  list-style-type: none;
}
ul li:before{
  content: " ";
}
/*jd755 9/26/24 capitalized h1 and a*/
h1,a{
  text-transform: capitalize;
}
/*jd755 9/26/24 Personal changes*/
h3 + ul{
```

Code showing the separation

Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## Task Response Prompt

*Explain how the styling for the challenge list doesn't impact the navigation list*

Response:

The styling of the challenge list doesn't impact the nav list because I made sure to specify which list I was using. When I am styling nav, I made sure to specify that the ul element to be changed is the one that is a child of the nav element, hence *nav > ul*. The CSS for this specific ul element doesn't change the rest of the ul elements in the challenge list.

Sub-Task

Group: Challenges

Task #2: Completed Challenges

Sub Task #10: JavaScript Link Text changing on Click Code

100%

## Task Screenshots

Gallery Style: 2 Columns

4

2

1

```
/*jd/55 9/26/24 script to change h1 and title with click*/
const linkArr = document.getElementsByTagName("a")

for(var i = 0; i < linkArr.length; i++)
{
    linkArr[i].addEventListener("click", function(event){
        let text = event.target.textContent;
        updateCurrentPage(text);
    })
} <- #14-19 for(var i = 0; i < linkArr.length; i++)
```

Code showing changing on click JavaScript

Caption(s) (required) ✓

Caption Hint: *Describe/highlight what's being shown*

## Task Response Prompt

*Explain how you updated the content of the h1 tag and the title tag with the link text*

Response:

I first declared an array called linkArr that holds all of the elements that has the tag "a". This means this is an array that has all of the link elements. I then used a for loop to iterate through all the elements and attached an eventListener to them. This eventListener listens for a click and then calls the a function. This unnamed function takes the text of the event variable and sends it to the updateCurrentPage() function, which updates the h1 and title elements.

End of Task 2

End of Group: Challenges

Task Status: 2/2

### Group

100%

Group: Misc

Tasks: 4

Points: 2

^ COLLAPSE ^

### Task

100%

Group: Misc

Task #1: Comment briefly talking about what you learned and/or any difficulties you encountered and how you resolved them (or attempted to)

Weight: ~3%

Points: ~0.06

^ COLLAPSE ^

### Details:

At least a few sentences



## Task Response Prompt

Response:

I learned a lot about CSS styling and how annoying it can be. CSS selection has a hierarchy that was confusing to me and forced me to do a lot of experimentation to see what would work and what wouldn't. However, I had the most difficulty with JavaScript. I am struggling to get the hang of JavaScript as it is completely different from any other programming language I have used. Although the core concepts of JS are the same as other languages, implementing JS with HTML is difficult for me as I find myself not knowing where to start.

End of Task 1

### Task

100%

Group: Misc

Task #2: Add a link to your pull request (hw branch to dev only)

Weight: ~3%

Points: ~0.06

^ COLLAPSE ^

### Details:

Should end in /pull/#



## Task URLs

URL #1

URL

## End of Task 2

## Task



Group: Misc

Task #3: Add a link to your production file

Weight: ~3%

Points: ~0.06

^ COLLAPSE ^

## Task URLs

URL #1

<https://it202-jd755-prod-028c8689138c.herokuapp.com/challenge.html>

URL

<https://it202-jd755-prod-028c8689138c.herokuapp.com>

## End of Task 3

## Task



Group: Misc

Task #4: Waka Time (or related) Screenshot

Weight: ~3%

Points: ~0.06

^ COLLAPSE ^

## Details:

Screenshot clearly shows what files/project were being worked on (the duration of time doesn't correlated with the grade for this item)



## Task Screenshots

Gallery Style: 2 Columns

4

2

1

## Projects • jd755-IT202-007

3 hrs over the Last 7 Days in jd755-IT202-007 under all branches.

## Files

2 hrs 36 mins public\_html/ma/training.html  
5 mins ..../html/Module2/problem3.php  
1 min Module2/problem3.php  
52 secs ..../waka\_time\_007\_F2024.pdf  
15 secs ..../waka\_time\_007\_F2024.pdf

## Branches

2 hrs 55 mins H3 - Challenge: H3  
5 mins H2 - Problem: Problem  
1 min H4 - HTML-23-CSS-Readings

WakaTime screenshot 1

WakaTime screenshot 2

End of Task 4

End of Task 4

End of Group: Misc  
Task Status: 4/4

End of Assignment