

Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT202-007-F2024/it202-module-3-js-and-css-challenge/grade/db624>

Course: IT202-007-F2024

Assignment: [IT202] Module 3 JS and CSS Challenge

Student: Datha V. (db624)

Submissions:

Submission Selection

1 Submission [submitted] 9/28/2024 2:48:48 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



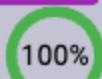
Columns: 4

Sub-Task



Group:
Challenges
Task #1:

Sub-Task



Group:
Challenges
Task #1:

Sub-Task



Group:
Challenges
Task #1:

Sub-Task



Group:
Challenges
Task #1:

Task #1:
Evidence of
working JS
Sub Task #1:
A

Task #2:
Evidence of
working JS
Sub Task #2:
A

Task #3:
Evidence of
working JS
Sub Task #3:
A

Task #4:
Evidence of
working JS
Sub Task #4:
A

Task
Screenshots
Gallery Style: 2 Columns

Task
Screenshots
Gallery Style: 2 Columns

Task
Screenshots
Gallery Style: 2 Columns

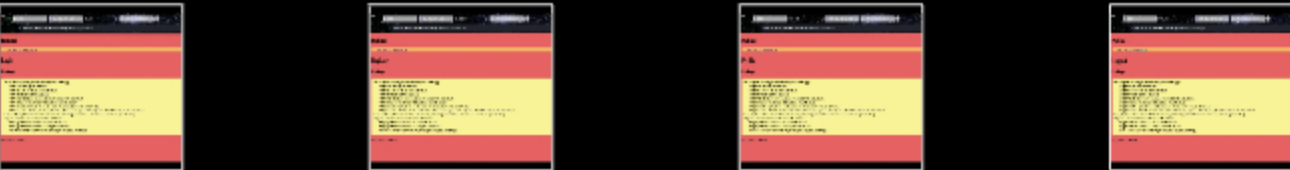
Task
Screenshots
Gallery Style: 2 Columns

4 2 1

4 2 1

4 2 1

4 2 1



Screenshot of
webpage after
login link is
clicked

Screenshot of
webpage after
register link is
clicked

Screenshot of
webpage after
profile link
was clicked

Screenshot of
webpage after
logout link is
clicked

Caption(s) (required) ✓
Caption Hint:
*Describe/highlight what's
being shown*

Caption(s) (required) ✓
Caption Hint:
*Describe/highlight what's
being shown*

Caption(s) (required) ✓
Caption Hint:
*Describe/highlight what's
being shown*

Caption(s) (required) ✓
Caption Hint:
*Describe/highlight what's
being shown*

End of Task 1

Task



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

Columns: 4

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #1:
Screenshot

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #2:
Horizontal

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #3:
Navigation

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #4:
Navigation

Task

Task

Task

Task

Screenshots

Gallery Style: 2 Columns

4 2 1



Screenshot of full visible page from heroku dev

Caption(s) (required) ✓

Caption Hint:

Describe/highlight what's being shown

Screenshots

Gallery Style: 2 Columns

4 2 1



Screenshot of horizontal navigation code

Caption(s) (required) ✓

Caption Hint:

Describe/highlight what's being shown

≡ Task
Response
Prompt

Explain how the solution code makes the navigation horizontal

Response:

Using the descendant combinator, I picked all li elements that are children of a nav element and set their display property to inline so that they all display in one line.

Screenshots

Gallery Style: 2 Columns

4 2 1



Screenshot of code for navigation without 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

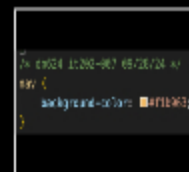
Response:

I did not have to make any changes from my code for horizontal navigation because by setting the li to display inline, that also got rid of markers for nav items.

Screenshots

Gallery Style: 2 Columns

4 2 1



Screenshot of navigation background code

Caption(s) (required) ✓

Caption Hint:

Describe/highlight what's being shown

≡ Task
Response
Prompt

Explain how you gave the navigation a background

Response:

I selected the nav element and modified its background color property to change the color of the navigation background.

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #5:
Links

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #6:
Challenge

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #7:
Uppercase

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #8:
Custom

Task
Screenshots

Gallery Style: 2 Columns

4 2 1

Task
Screenshots

Gallery Style: 2 Columns

4 2 1

Task
Screenshots

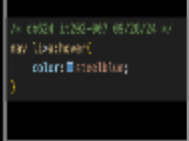
Gallery Style: 2 Columns

4 2 1

Task
Screenshots

Gallery Style: 2 Columns

4 2 1



Code for links hover

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 used a combination of descendant combinator and a child combinator to select anchor tags who are direct children of li elements which themselves are descendants of a nav element. Then, I selected the hover attribute of the anchor tag, setting its color property to steelblue. This means that whenever the cursor hovers over the link, the link text color will be changed to steelblue.



Screenshot of challenge list checkmarks code

Caption(s) (required) ✓

Caption Hint:

Describe/highlight what's being shown

≡ Task

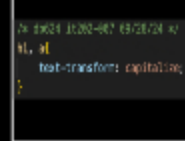
Response

Prompt

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

Response:

I targeted the marker attribute of li elements and set their content to ✓. This means that the marker value would be changed to ✓. In addition, I also made sure to place this code above the code for horizontal navigation so that the horizontal navigation code would override changes made by this marker code. This is to ensure that only the markers of the challenge list are affected, while the markers of the nav list aren't.



Screenshot of uppercase h1 and anchor tags code

Caption(s) (required) ✓

Caption Hint:

Describe/highlight what's being shown

≡ Task

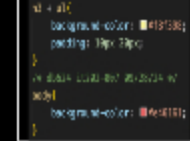
Response

Prompt

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

Response:

I used a selector list to select h1 and a tags. Then, I modified their text-transform property where I set the value to capitalize. This has the effect of capitalizing the first letter.



Screenshot of custom styling code

Caption(s) (required) ✓

Caption Hint:

Describe/highlight what's being shown

≡ Task

Response

Prompt

Explain/describe your custom styling of your choice

Response:

First, I used the next sibling combinator to target the challenge list, which is placed after the h3 tag. Here, I changed the background color and also added padding to the sides so that there's more space between the text and the edges of the list box.

Next, I used the body tag to target the entire webpage background and change its color.

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task #9:
CSS

Sub-Task

100%

Group:
Challenges
Task #2:
Completed
Challenges
Sub Task
#10:



Task
Screenshots



Task
Screenshots

Screenshots

Gallery Style: 2 Columns

4 2 1



Screenshot of
CSS seperatin
challenge list
items and nav

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:

There isn't specifically any code seperating the challenge list and nav list. However, I've used a combination of different combinators to target either only the nav list or the challenge list. For example, I used the sibling combinator + to select the challenge list since it comes after the h3 tag. I used the descendant combinator to select all li tags which are descendants of the nav tag to target the nav list.

Screenshots

Gallery Style: 2 Columns

4 2 1



Screenshot of
javascript
code for link
text changing
on click

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:

First, I selected all the anchor tags using `document.getElementsByTagName()`. However, this function returns an object, so I converted it to an array. I used the `forEach()` method to iterate through all the anchor tags, and for each of them I added an event listener where once clicked, the anchor tags would call the `updateCurrentPage()` function. I took the url and split it so that I can extract the navigation word, which I passed to the `updateCurrentPage()` function.

End of Group: Challenges

Task Status: 2/2

Group



Group: Misc

Tasks: 4

Points: 2

^ COLLAPSE ^

Task



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 how to target different HTML elements more effectively using CSS selectors and combinators. This homework taught me how to apply different CSS styles to different blocks of the same tags, which I wasn't able to do before. The part I found most challenging was the javascript challenge. I genuinely had no idea what to do until I learned about the event listeners and the fact that `getElementsByName` returns a collection of all the objects, so they must be accessed with `[]`. However, once I figured these two functions out, it became easier to implement a solution.

End of Task 1

Task



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

<https://github.com/Dathster/db624-it202-007/pull/9>

URL

<https://github.com/Dathster/db624-it202-007/pul>

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-db624-prod-a236ea831ca5.herokuapp.com/challenge.html>

URL

<https://it202-db624-prod-a236ea831ca5.herokuapp.com/challenge.html>

End of Task 3

Task



Group: Misc

Task #4: Waka Time (or related) Screenshot

Weight: ~3%

Points: ~0.06

^ COLLAPSE ^

i 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 • db624-it202-007

3 hrs, 1 min over the last 7 days in db624-it202-007 under all branches, db

Files

3 hrs, 1 min public_html/challenge.html

Branches

3 hrs, 1 min M6-Challenge.html

End of Task 4

End of Group: Misc
Task Status: 4/4

End of Assignment