Submission Worksheet

IT202-452-M2024 - [IT202] Module 3 JS and CSS Challenge

Submissions:

Submission Selection

1 Submission [active] 6/11/2024 11:16:17 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

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Branch name: M3-Challenge-HW

Tasks: 6 Points: 10.00

● **Challenges** (8 pts.)

^COLLAPSE ^
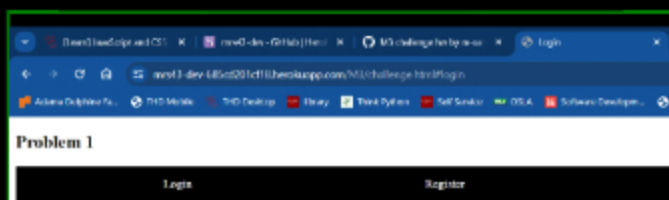

●

^COLLAPSE ^

Task #1 - Points: 1

Text: Evidence of working JS

ⓘ **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

#1) A screenshot showing the page after the login link is clicked with URL shown 👁

#2) A screenshot showing the page after the register link is clicked with URL shown 👁

Login

Challenges

√Edit the given <style> tag to customize the appearance of this page
√(1 pt) Make the navigation horizontal
√(1 pt) Get rid of the navigation list item markers
√(1 pt) Give the navigation a background
√(1 pt) Make the links (or their surrounding areas) change color on mouseover
√(1 pt) Change the "bullet points" of this entire list to checkmarks (√)
√(1 pt) Use CSS to uppercase the first character of the content in the <h1> tag and the <a> tags

Caption (required) ✓

Describe/highlight what's being shown

The <h1> and <title> contents say "Login"

Register

Challenges

Caption (required) ✓

Describe/highlight what's being shown

The <h1> and <title> contents say "Register"

#3) A screenshot showing the page after the profile link is clicked with URL shown 👁

Caption (required) ✓

Describe/highlight what's being shown
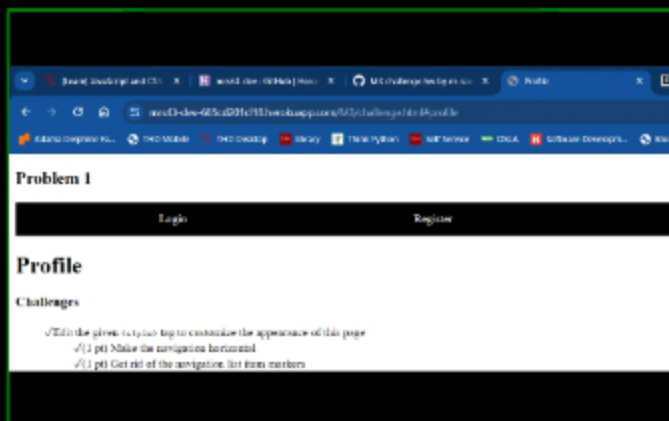
The <h1> and <title> contents say "Profile"

#4) A screenshot showing the page after the logout link is clicked with URL shown 👁

Caption (required) ✓

Describe/highlight what's being shown
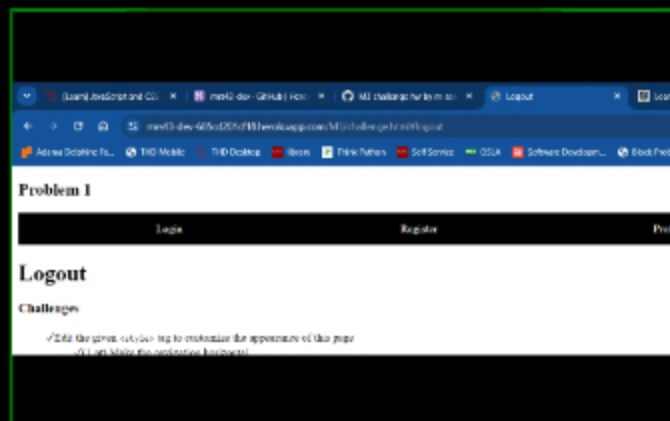
The <h1> and <title> contents say "Logout"

●

^COLLAPSE ^

Task #2 - Points: 1

Text: Completed Challenges

ℹ️ **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 explanation)

#1) Screenshot of full page showing all challenges complete and verification code 👁

Problem 1

Logout

Challenges

Caption (required) ✓

Describe/highlight what's being shown

Full page in Heroku dev showing all tasks complete

#2) Horizontal Navigation Code 👁

```
/* mrs43 6-11-2024 */
/* Make the navigation horizontal */
nav ul li{
    display: inline;
}
```

Caption (required) ✓

Describe/highlight what's being shown

Code in VSCode to make navigation bar horizontal

Explanation (required) ✓

Explain how the solution code makes the navigation horizontal

📄 PREVIEW RESPONSE

I made the navigation horizontal by targeting "nav ul li", which is only the navigation. I then set this display to "inline", which makes it horizontal.

#3) Navigation without markers Code 👁

```
/* mrs43 6-11-2024 */
/* Get rid of navigation list item markers */
nav ul li::before{
    content:'';
}
```

Caption (required) ✓
Describe/highlight what's being shown
Code in VSCode to remove markers from navigation

Explanation (required) ✓
Explain how the solution code removes the markers from the nav items

📄 PREVIEW RESPONSE

I initially tried to use "list-style-type" and set it to "none", but that did not have any effect. In the end, I targeted the navigation with "nav ul li" and set the "before" content to nothing so that there was no markers.

#4) Navigation background code 👁

```
/* mrs43 6-11-2024 */
/* Give navigation a background */
nav{
    background-color: ☐black;
}
```

Caption (required) ✓
Describe/highlight what's being shown
Code in VSCode to give the navigation bar a background

Explanation (required) ✓
Explain how you gave the navigation a background

📄 PREVIEW RESPONSE

I targeted only the navigation and set the "background-color" to black, which covered the entire navigation. I later

edited this more as part of my choice of styling.

#5) Links mouseover/hover Code

```css
/* mrs43 6-11-2024 */
/* Make links change color on hover */
ul a:hover{
    color: ■lightgreen;
}
```

Caption (required) ✓
Describe/highlight what's being shown
Code from VSCode to make links green when hovered on

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

📄 PREVIEW RESPONSE

I targeted only the links using "ul a", then set the text to green when the mouse hovers/mousesover the link.

#6) Challenge List Checkmarks (✓) Code

```css
/* mrs43 6-11-2024 */
/* Change bullet points to checkmarks */
li{
    list-style-type: none;
}

ul li::before{
    content:'✓';
}
```

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

Code from VSCode to change list bullet points into checkmarks

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

📄 PREVIEW RESPONSE

I used "list-style-type" to remove the original bullet points. I initially tried to use "list-style-type" to change the bullets to checkmarks, but it was not working consistently. So I set the content "before" the "ul li"/list content to checkmarks.

#7) Uppercase h1 and anchor tags Code 👁

```
/* mrs43 6-11-2024 */
/* Uppercase first character of <h1> and <a> tags */
h1::first-letter{
    text-transform: uppercase;
}

a::first-letter{
    text-transform: uppercase;
}
```

Caption (required) ✓
Describe/highlight what's being shown
Code from VSCode to upper case tags

Explanation (required) ✓
Explain how you made the first character of the h1 tags and anchor tags uppercased

📄 PREVIEW RESPONSE

I targeted the "first-letter" of the

and tags and made them

uppercased.

#8) Custom Styling Code 👁

```
/* mrs43 6-11-2024 */
/* styling of my choice*/
nav{
    width: 100%;
}

a {
    color:  ■white;
    text-decoration: none;
    width: 24%;
    padding-top: 14px;
    padding-bottom: 14px;
    text-align: center;
} <- #78-85 a
```

Caption (required) ✓
Describe/highlight what's being shown
Code from VSCode to change the appearance of the navigation bar more

Explanation (required) ✓
Explain/describe your custom styling of your choice

📄 PREVIEW RESPONSE

I altered the appearance of the navigation bar by changing the text color to white and making the background a better width to look at.

#9) CSS separating challenge list items and nav 👁

```
/* mrs43 6-11-2024 */
/* Make links change color on hover */
ul a:hover{
    color: ■lightgreen;
}

/* Change bullet points to checkmarks */
li{
    list-style-type: none;
}

ul li::before{
```

```css
            content:'✓';
        }
    }
```

Caption (required) ✓
Describe/highlight what's being shown
Code from VSCode showing how navigation separates CSS elements

Explanation (required) ✓
Explain how the styling for the challenge list doesn't impact the navigation list

[📄 PREVIEW RESPONSE]

The styling for the challenge list doesn't impact the navigation list because I made sure to target the correct tags when writing the code. This goes the same way for the navigation customization not affecting the challenge list.

#10) JavaScript Link Text changing on Click Code

👁

```
// mrs43 6-11-2024
getCurrentSelection();
addEventListener('click', (evt) => {getCurrentSelection();});
}); <- #8-13 window.addEventListener
function getCurrentSelection() {
    setTimeout(() => {
        //added this delay here as some solutions may require it to update properly (i.e., click
        //TODO: add code for processing the current selection
        let current = window.location.href;
        if(current.lastIndexOf("#") == -1){
            updateCurrentPage("start");
        } else{
            let clicked = current.substring(current.lastIndexOf("#") + 1);
            updateCurrentPage(clicked);
        }
        //Note: likely you'll want to call updateCurrentPage towards the end
    }, 100); <- #15-26 setTimeout
```

Caption (required) ✓
Describe/highlight what's being shown
Code from VSCode to update <h1> and <title> when a link is clicked

Explanation (required) ✓
Explain how you updated the content of the h1 tag and the title tag with the link text

[📄 PREVIEW RESPONSE]

I retrieved the url for the initial or "Start" page, then used that to create a substring of whatever link was clicked by taking what is after the # in the url. I then used that string as a parameter for the updateCurrentPage function, which did the rest.

● **Misc** (2 pts.)

∧COLLAPSE ∧

Task #1 - Points: 1

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

COLLAPSE ^

ⓘ **Details:**
At least a few sentences

Response:

I explained a couple of the issues I ran into in my earlier responses, but the largest one (which also ended in me taking extra time and turning this assingnment in late) was retrieving the text for the link clicked. I initially was trying to find a way to use an onClick() function, but I was unable to do this successfully.

Task #2 - Points: 1

Text: Add a link to your pull request (hw branch to dev only)

COLLAPSE ^

ⓘ **Details:**
Should end in /pull/#

URL #1

https://github.com/m-sansone/mrs43-IT202-452/pull/10

Task #3 - Points: 1

Text: Add a link to your production file

COLLAPSE ^

URL #1

https://mrs43-prod-5f0e0e79560e.herokuapp.com/

Task #4 - Points: 1

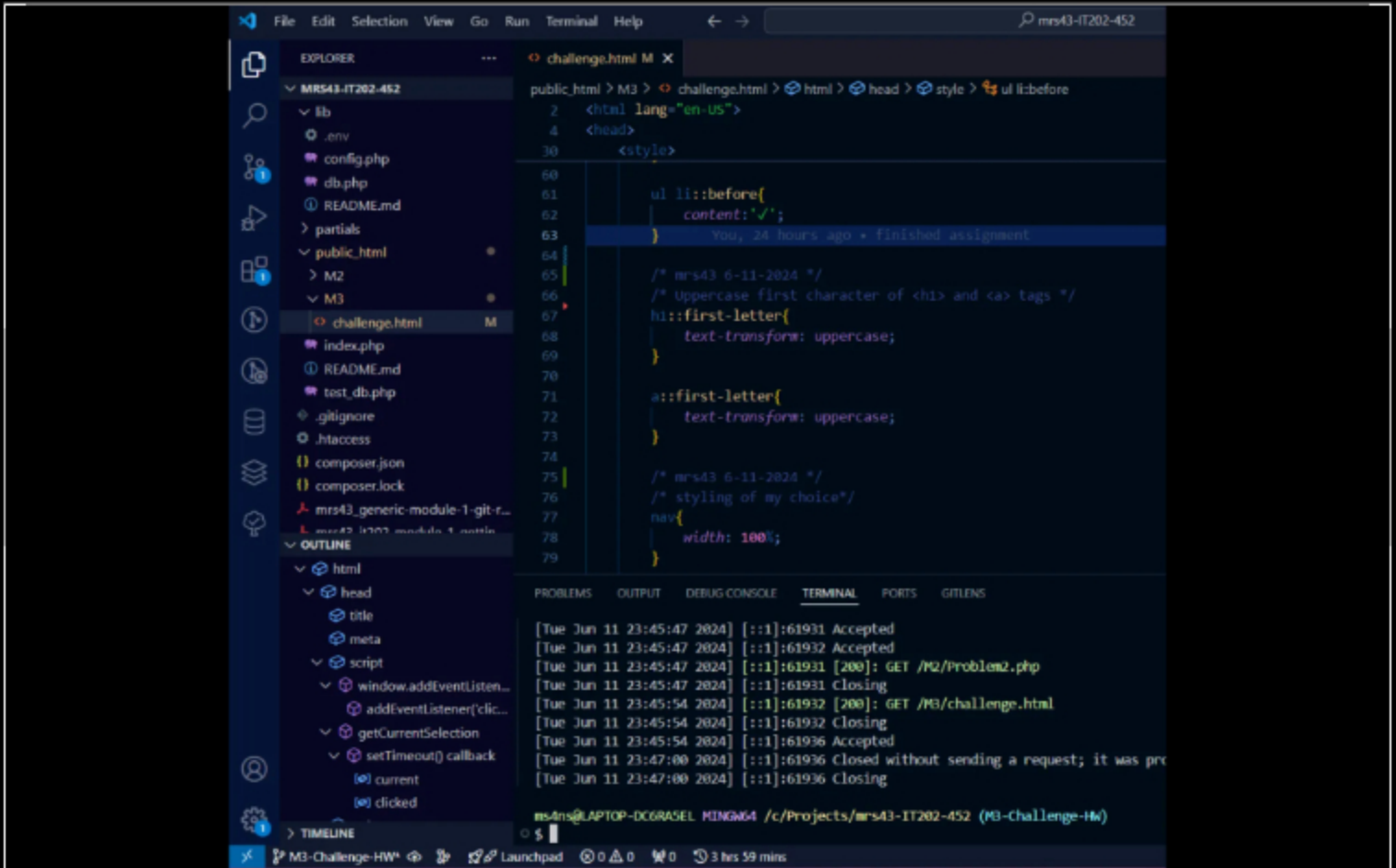**Text: Waka Time (or related) Screenshot**

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: Large View

Small   Medium   Large

Screenshot of WakaTime from VSCode

End of Assignment