

# Submission Worksheet

## Submission Data

**Course:** IT202-450-M2025

**Assignment:** IT202 Module 3 HTML, CSS, JS Challenges

**Student:** Nathanael G. (ng569)

**Status:** Submitted | **Worksheet Progress:** 100+%

**Potential Grade:** 11.00/10.00 (110.00%)

**Received Grade:** 0.00/10.00 (0.00%)

**Started:** 6/16/2025 12:54:10 AM

**Updated:** 6/16/2025 1:51:31 AM

**Grading Link:** <https://learn.ethereallab.app/assignment/v3/IT202-450-M2025/it202-module-3-html-css-js-challenges/grading/ng569>

**View Link:** <https://learn.ethereallab.app/assignment/v3/IT202-450-M2025/it202-module-3-html-css-js-challenges/view/ng569>

## Instructions

- Overview Link: <https://youtu.be/Dyl6dg1Xybo>
- 1. Ensure you read all instructions and objectives before starting.
- 2. Create a new branch from dev called M3-Homework
  - 1. `git checkout dev` (ensure proper starting branch)
  - 2. `git pull origin dev` (ensure history is up to date)
  - 3. `git checkout -b M3-Homework` (create and switch to branch)
- 3. Copy the template code from here: [GitHub Repository - M3 Homework](#)
  - It includes Challenges 1-3, `util.js`, and `styles.css`. Put all into an M3 folder or similar inside your `public_html`
  - Immediately record to history
    - `git add public_html`
    - `git commit -m "adding M3 HW baseline files"`
    - `git push origin M3-Homework`
    - Create a Pull Request from M3-Homework to dev and keep it open
- 4. Fill out the below worksheet
  - Each Problem requires the following as you work
    - Ensure there's a comment with your UCID, date, and brief summary of how the problem was solved
    - Update `ucid` in header tag
    - Code solution (add/commit periodically as needed) (style and/or script tags)
- 5. Once finished, click "Submit and Export"
- 6. Locally add the generated PDF to a folder of your choosing inside your repository folder and move it to Github
  - 1. `git add .`
  - 2. `git commit -m "adding PDF"`
  - 3. `git push origin M3-Homework`
  - 4. On Github merge the pull request from M3-Homework to dev
  - 5. On Github create a pull request from dev to prod and immediately merge. (This will trigger the prod

deploy to heroku prod links work)

7. Upload the same PDF to Canvas

8. Sync Local

1. git checkout dev

2. git pull origin dev

## Section #1: ( 3 pts.) Challenge 1 - Fixed Header, Content, Footer

Progress: 100%

≡ Task #1 ( 3 pts.) - Edit the `style` and `script` tags to solve the challenge requirements

Progress: 100%

### Details:

- Only make edits where noted via provided comments
- Update your ucid in the header tag
- #1 The header and footer should remain FIXED in place (top and bottom of page respectively)
- #2 The content area should SCROLL independently (nothing should be pushed off screen and the browser WINDOW scrollbar shouldn't appear)
- #3 The entire page should always take up the full viewport height
- #4 The borders around header,main,footer should remain intact and visible, this will help show that the challenges were solved correctly
- Add code to solve the problem (add/commit as needed)

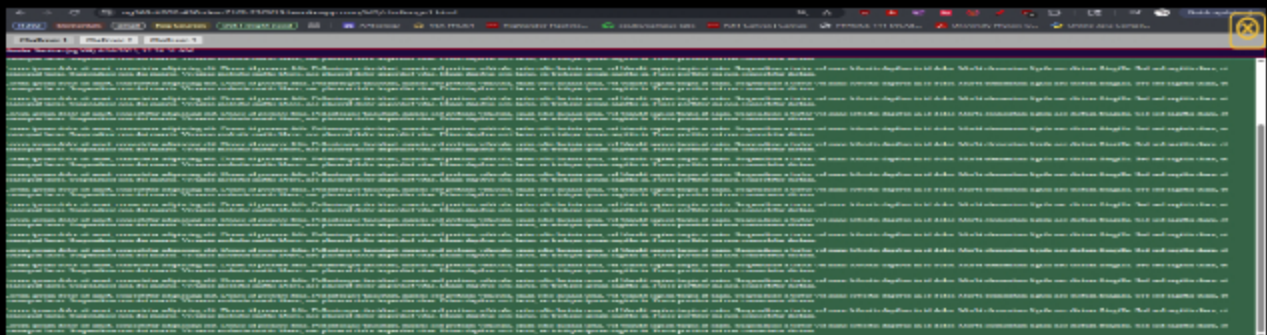
### Part 1:

Progress: 100%

### Details:

Two screenshots are expected


1. Snippet of relevant code showing solution (with ucid/date comment)
2. Full output of executing the program (visit the proper file on Heroku dev after a manual deploy) 1. Ensure url is visible in the browser's address bar



Heroku output

```
1 // ...
2 // ...
3 // ...
4 // ...
5 // ...
6 // ...
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92 // ...
93 // ...
94 // ...
95 // ...
96 // ...
97 // ...
98 // ...
99 // ...
100 // ...
```

Code snippet

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Part 2:


Progress: 100%

Details:

- Direct link to the file in the homework-related branch from GitHub (should end in `.html`)
- Direct link to the file on Heroku Prod (Just grab the base prod url and manually enter the path to the file)


URL #1

[https://github.com/Nate-Gaw/ng569-IT202-450-M3-Homework/public\\_html/M3/challenge1.html](https://github.com/Nate-Gaw/ng569-IT202-450-M3-Homework/public_html/M3/challenge1.html)




URL

<https://github.com/Nate-Gaw/ng5>




URL #2


<https://ng569-it202-450-prod-3272507b1c51.herokuapp.com/challenge1.html>



URL

<https://ng569-it202-450-prod-3272507b1c51.herokuapp.com/challenge1.html>



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Part 3:


Progress: 100%

Details:

Briefly explain `how` the code solves the challenge(s) (note: this isn't the same as `what` the code does)

Your Response:

The header is kept up top using position static, since the webpage formats it to be at the top. Then the body is changed to overflow to scroll and the height of it is adjusted. Then the footer is fixed on the screen so even if the height gets a little disoriented the footer is still at the bottom.

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# Section #2: ( 3 pts.) Challenge 2 - Header, Content. And Sidebars

# Task #1 ( 3 pts.) - Edit the `style` and `script` tags to solve the challenge requirements

## Details:

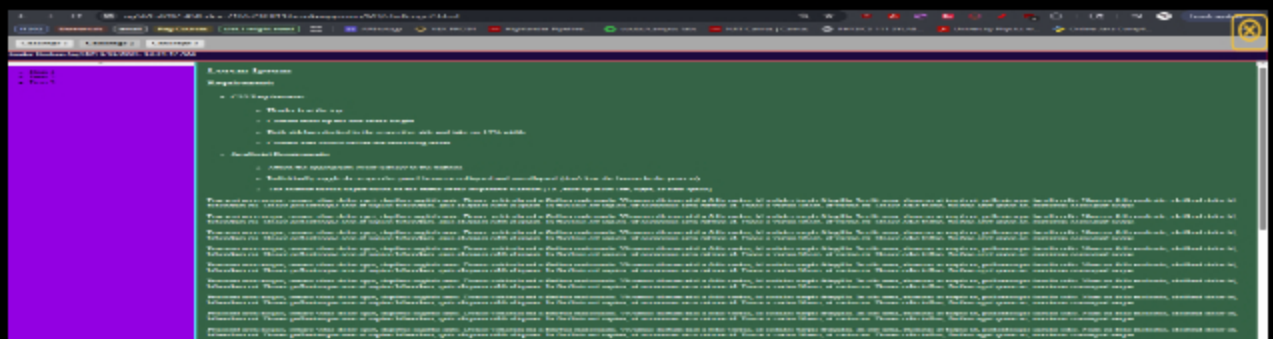
- Only make edits where noted via provided comments
- Update your ucid in the header tag
- Using CSS, adjust the layout per the following
  - #1: Header is at the top
  - #2: Content takes up the rest of the height
  - #3: Both sidebars docked to the respective side and take up 15% width; Content area should utilize the remaining width
- Using JavaScript complete the following
  - #4: Attach the appropriate event listener to the buttons
  - #5: Individual toggle the respective panel between collapsed and uncollapsed (Don't lose the button in the process)
  - #6: The content should adjust based on the status of the respective sidebars (i.e., take up more left, right, or both space)
- Add code to solve the problem (add/commit as needed)

## Part 1:

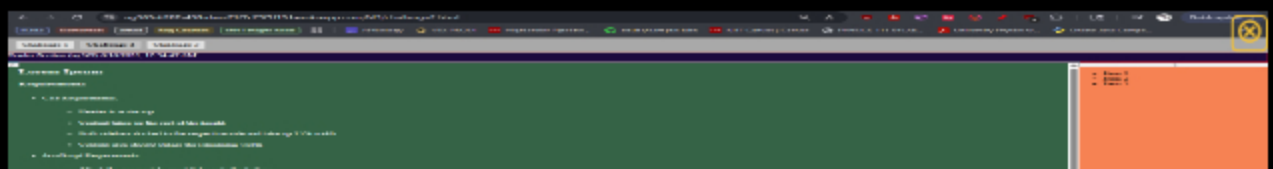
## Details:

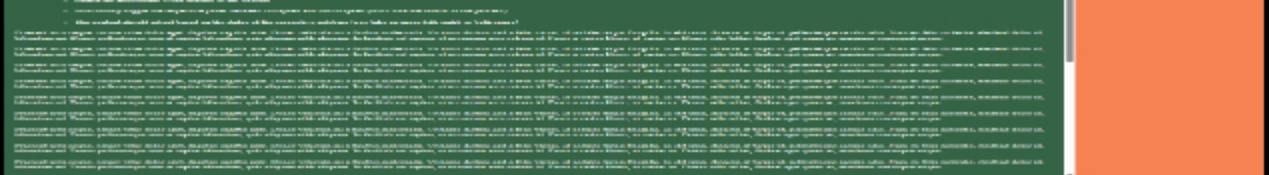
Two screenshots are expected

1. Snippet of relevant code showing solution (with ucid/date comment)
  2. Full output of executing the program (visit the proper file on Heroku dev after a manual deploy)
1. Ensure url is visible in the browser's address bar

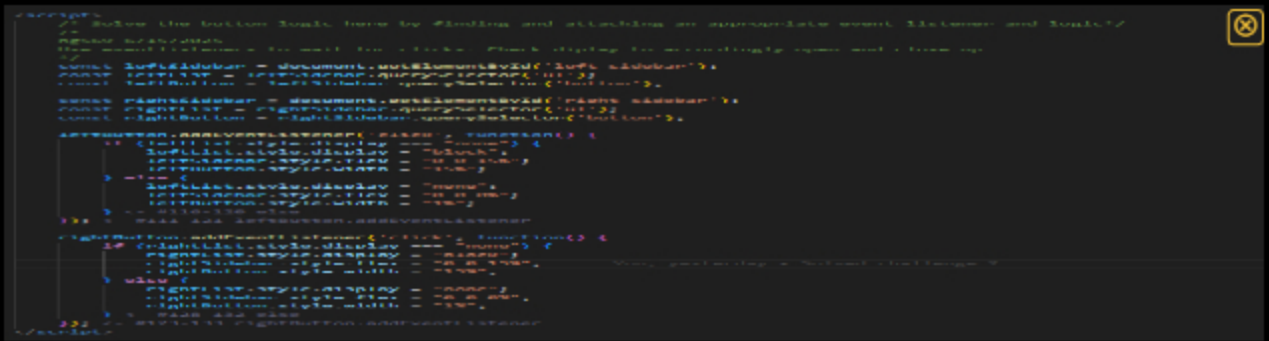


## Heroku Solution 1

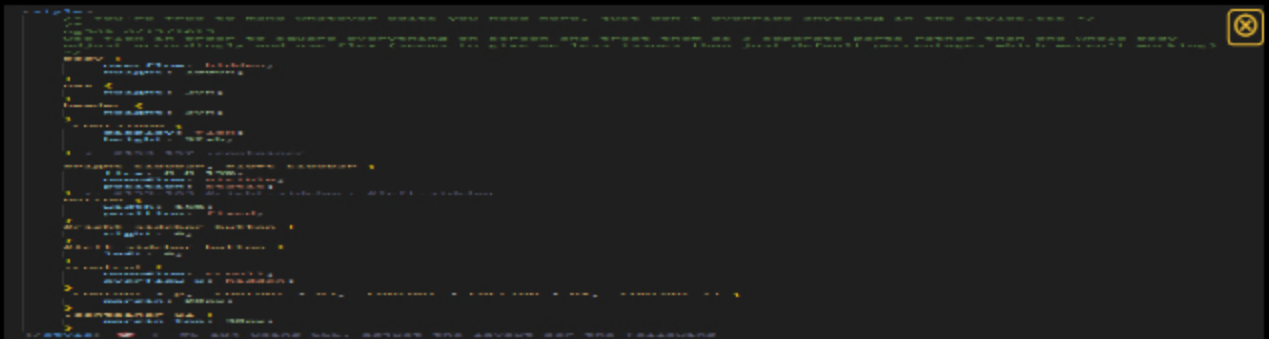




## Heroku Solution 2



## Code snippet Javascript



## Code snippet CSS



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## Part 2:

Progress: 100%

### Details:

- Direct link to the file in the homework-related branch from GitHub (should end in `.html`)
- Direct link to the file on Heroku Prod (Just grab the base prod url and manually enter the path to the file)

### URL #1

[https://github.com/Nate-Gaw/ng569-IT202-450-M3-Homework/public\\_html/M3/challenge2.html](https://github.com/Nate-Gaw/ng569-IT202-450-M3-Homework/public_html/M3/challenge2.html)



URL

[https://github.com/Nate-Gaw/ng569-IT202-450-M3-Homework/public\\_html/M3/challenge2.html](https://github.com/Nate-Gaw/ng569-IT202-450-M3-Homework/public_html/M3/challenge2.html)



### URL #2

<https://ng569-it202-450-prod-3272507b1c51.herokuapp.com/challenge2.html>



URL

<https://ng569-it202-450-prod-3272507b1c51.herokuapp.com/challenge2.html>



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## Part 3:

Progress: 100%

### Details:

Briefly explain **how** the code solves the challenge(s) (note: this isn't the same as **what** the



1. Snippet of relevant code showing solution (with uid/date comment)
2. Full output of executing the program (visit the proper file on Heroku dev after a manual deploy) 1. Ensure url is visible in the browser's address bar



IT202-450-dev/public\_html/M3/challenge3.html

URL #2

[https://ng569-it202-450-](https://ng569-it202-450-prod-3272507b1c51.herokuapp.com/challenge3.html)

[prod-3272507b1c51.herokuapp.com/challenge3.html](https://ng569-it202-450-prod-3272507b1c51.herokuapp.com/challenge3.html)



URL

<https://ng569-it202-450-prod-3272507b1c51.herokuapp.com/challenge3.html>



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### Part 3:

Progress: 100%

#### Details:

Briefly explain **how** the code solves the challenge(s) (note: this isn't the same as **what** the code does)

#### Your Response:

Everything is aligned. I used margins to space everything out. I used eventlisteners to track the mouse clicks on buttons and I made all the panels spread out and overflow hidden, so all the panels are really hidden offscreen. Then depending on the index tracked by the buttons the text is moved over a certain amount.



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## Task #2 (+ 1.01 pts.) - Extra Credit - Challenge 7

Progress: 100%

#### Details:

- Allow mouse swipe on the carousel to cycle through the panels, similar to how the buttons would work

### Part 1:

Progress: 100%

#### Details:

1. Snippet of relevant code showing solution (with ucid/date comment)



Heroku output





Code snippet Extra credit Javascript



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## ⇒ Part 2:

Progress: 100%

### Details:

Briefly explain **how** the code solves the challenge(s) (note: this isn't the same as **what** the code does)

**Your Response:**

My javascript code checks for mousedown anywhere on the carousel and a drag in the x direction. Then it keeps scrolling through the panels every 50px, until mouse up.



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## Section #4: ( 1 pt.) Misc

Progress: 100%

### ☰ Task #1 ( 0.33 pts.) - Github Details

Progress: 100%

## Part 1:

Progress: 100%

### Details:


From the Commits tab of the Pull Request screenshot the commit history

```
adding baseline files for m3 hw // 5
```

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Flame-Cure commented 2 days ago

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## Github Pull Page



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## Part 2:

Progress: 100%

### Details:

Include the link to the Pull Request (should end in `/pull/#`)

### URL #1

<https://github.com/Nate-Gaw/ng569-IT202-450>



URL

<https://github.com/Nate-Gaw/ng5>

## Task #2 ( 0.33 pts.) - WakaTime - Activity

Progress: 100%

### Details:

- Visit the WakaTime.com Dashboard
- Click `Projects` and find your repository
- Capture the overall time at the top that includes the repository name
- Capture the individual time at the bottom that includes the file time
- Note: The duration isn't relevant for the grade and the visual graphs aren't necessary

Projects • ng569-IT202-450

9 hrs 18 mins over the Last 7 Days in ng569-IT202-450 under all branches.

### Waketime total time

#### Files

4 hrs 10 mins	M3/challenge1.html
2 hrs 26 mins	M3/challenge2.html
1 hr 46 mins	M3/challenge3.html
15 mins	M2/Problem1.php
10 mins	M2/Problem4.php
9 mins	M2/Problem2.php
6 mins	M2/Problem3.php
6 mins	index.php
3 mins	M3/util.js
57 secs	M3/styles.css
12 secs	M2/base.php

#### Branches

8 hrs 27 mins	M3-Homework
50 mins	M2-Homework
0 secs	dev

### Waketime file time

### Task #3 ( 0.33 pts.) - Reflection

Progress: 100%

#### Task #1 ( 0.33 pts.) - What did you learn?

Progress: 100%

**Details:**

Briefly answer the question (at least a few decent sentences)

**Your Response:**

I learned a lot about javascript and CSS. I took a basic webpage design class in high school and I actually kinda enjoyed it. After doing this project I learned that there is a lot more to do on a webpage than just buttons and display. Also, this was definitely more intense than my high school class and really forced me to relearn webpage design, as the CSS was giving me a lot of pain trying to fix it.



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#### Task #2 ( 0.33 pts.) - What was the easiest part of the assignment?

Progress: 100%

**Details:**

Briefly answer the question (at least a few decent sentences)

**Your Response:**

The easiest part of the assignment had to be figuring out how to solve the problems. It seemed fairly easy what we had to do and I could already piece together what I needed to do in order to complete the problem, I just didn't know how to do directly code it.



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#### Task #3 ( 0.33 pts.) - What was the hardest part of the assignment?

Progress: 100%

**Details:**

Briefly answer the question (at least a few decent sentences)

**Your Response:**

The hardest part was actually coding the process in my mind. I was and somewhat still not a webpage type of guy, but I know I need to learn it regardless of the field I go into, and CSS proved to be a pain for me, as I struggled to understand how to use it. Furthermore, javascript is NOTHING like java and confused me. There were so many nuances I had to memorize to get javascript working and nothing really lined up perfectly. Everything I did was basically researched from w3schools or stack overflow and took hours just to find the pieces to mash all into one line to get a simple statement.



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