# Submission Worksheet

## Submission Data

**Course:** IT202-450-M2025

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

**Student:** Mark Y. (may23)

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

**Potential Grade:** 10.88/10.00 (108.80%)

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

**Started:** 6/16/2025 11:11:38 PM

**Updated:** 6/16/2025 11:31:11 PM

**Grading Link:** https://learn.ethereallab.app/assignment/v3/IT202-450-M2025/it202-module-3-html-css-js-challenges/grading/may23

**View Link:** https://learn.ethereallab.app/assignment/v3/IT202-450-M2025/it202-module-3-html-css-js-challenges/view/may23

## 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 make the 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


VS code showing code and UCID

heroku page

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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://may23-it202-450-dev-70e1264ec6c5.herokuapp.com/m8/challenge1.html

👍 URL

https://may23-it202-450-dev-70e1

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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:**

I made the header and footer fixed using position: fixed so they stay in place, and used main { overflow-y: auto } to make only the content scroll. I set the page to always fill the screen by using height: 100% on html and body, and adjusted the spacing so the main content fits between the header and footer without triggering the browser scrollbar.

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

Progress: 100%

≔ 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)
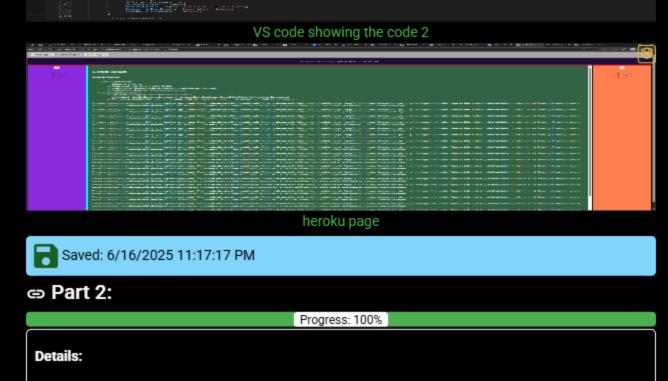
## 🖼 Part 1:

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



VS code showing the code 1

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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**

👍

URL

https://may23-it202-450-dev-70e1264ec6c5.herokuapp.com/m8/challenge2.html

https://may23-it202-450-dev-70e1
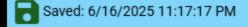
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## ≡ Part 3:

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:**

I used flexbox to arrange the header at the top and the sidebars/content in a horizontal row. Both sidebars were given 15% width, and the content filled the remaining space. I used JavaScript to toggle each sidebar's width when its button is clicked, hiding its list and shrinking it to a small width while keeping the button visible, so the content area automatically expands or shrinks based on which sidebars are shown.

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# Section #3: ( 3 pts.) Challenge 3 - Carousel

# Layout With Swiping

## ≡ 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
- Using CSS, adjust the layout per the following
    - #1 Header should be at the top
    - #2 Carousel should take up full width
    - #3 Buttons should be centered
    - #4 Carousel panels should fill the full height of the carousel
    - #5 Carousel content should be centered (vertical and horizontal)
- Using JavaScript complete the following
    - #4 Attach appropriate event listeners to each button
    - #5 Cycle through each panel, showing only 1 at a time
    - #6 Ensure that the panels loop when reaching the last or first one
- Add code to solve the problem (add/commit as needed)

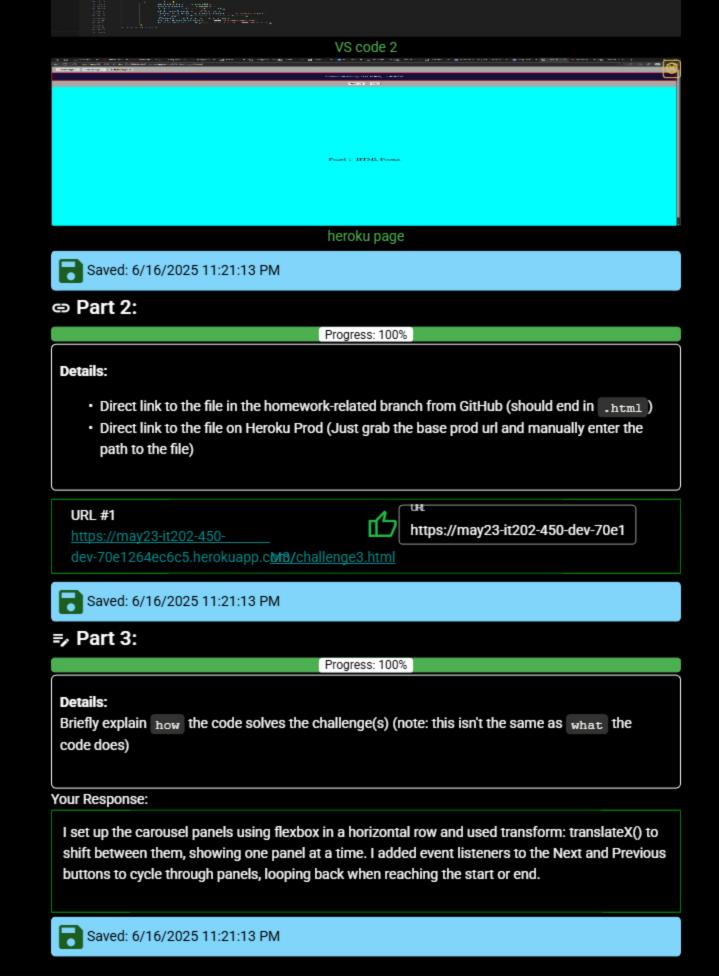## 🖼 Part 1:

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


VS code 1

heroku page

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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://may23-it202-450-dev-70e1264ec6c5.herokuapp.com/m8/challenge3.html 👍

URL
https://may23-it202-450-dev-70e1

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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:**

I set up the carousel panels using flexbox in a horizontal row and used transform: translateX() to shift between them, showing one panel at a time. I added event listeners to the Next and Previous buttons to cycle through panels, looping back when reaching the start or end.

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

Progress: 87%

**Details:**

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

## 🖼 Part 1:

Progress: 75%

**Details:**

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


Missing Caption

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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:

> I used mousedown/mouseup and touchstart/touchend to detect swipe gestures and switch panels using the same logic as the buttons.

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# Section #4: ( 1 pt.) Misc

Progress: 100%

## ≡ Task #1 ( 0.33 pts.) - Github Details
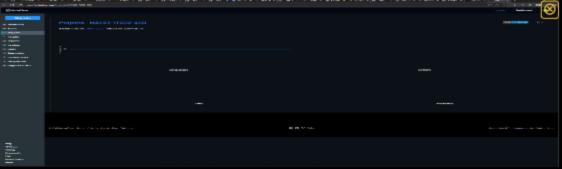
Progress: 100%

## 🖼 Part 1:

Progress: 100%

**Details:**

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


commits tab

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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/Mark-5555/may23-
IT202450/2 👍

URL
https://github.com/Mark-5555/ma

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## 🖼 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


wakatime, it was acting up for some reason

## ☰ 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:

HTML, CSS , JS.

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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:

Challenge 1 was relatively easy.

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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 extra credit.

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