**Assignment Submission Template**

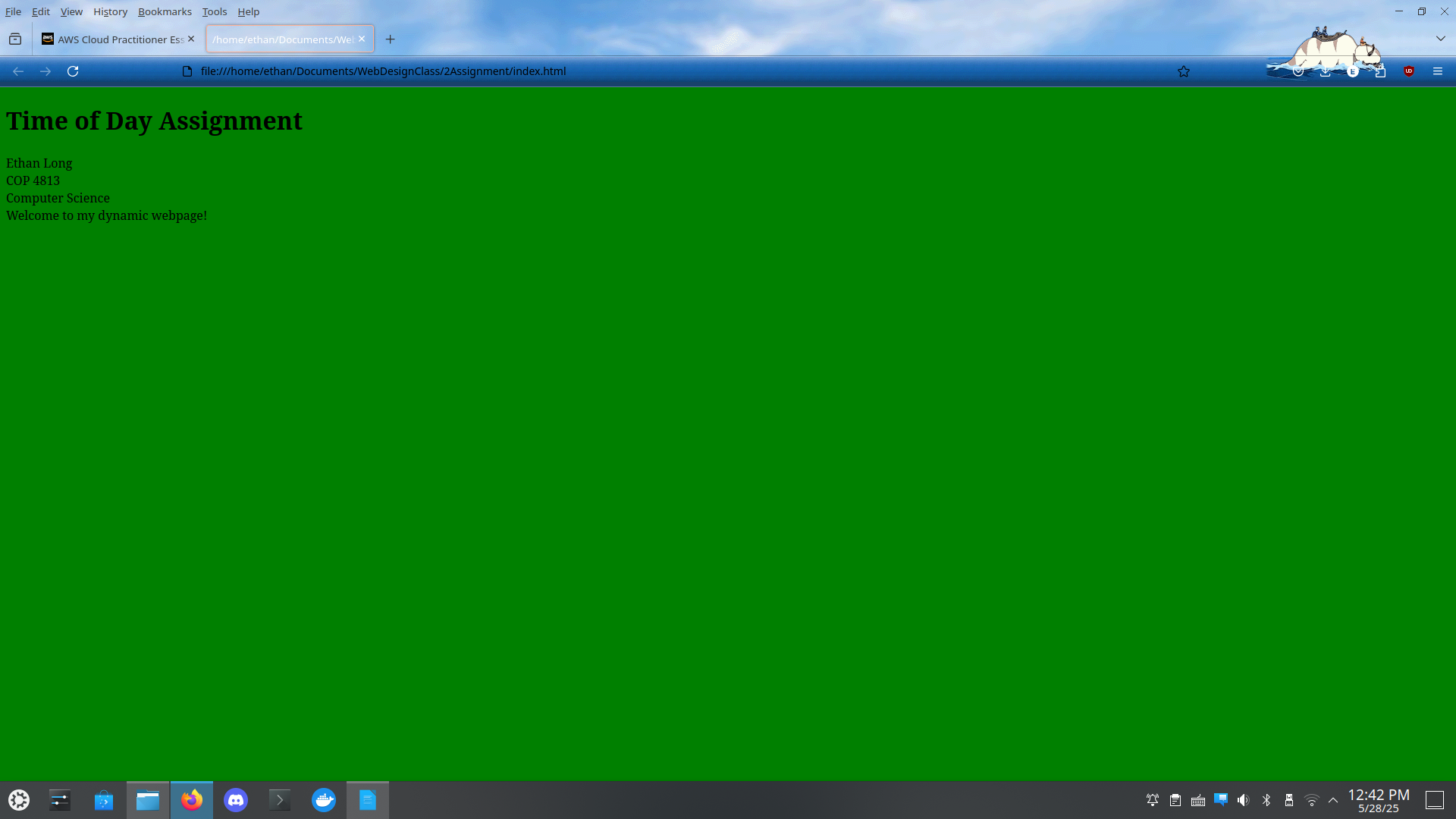
**1. Student Registration Information**

* **Full Name**: Ethan Long
* **Student ID**: EL23T
* **Course Name**: COP 4813
* **Instructor Name**: Dr Ahsan Abdullah
* **Date of Submission 5/28/2025**

**1. Assignment Overview (0.5 Points)**

* LINK TO WEBSITE:  
  https://ethanjameslong1.github.io/secondWebAssignment/
* Time of Day Dynamic Website
* The website should change colors based on the time of day it’s being loaded

**3. Results Screenshot(s) (1.0 Point)**

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**4. Data or Output Results (2.0 Points)**

# Time of Day Assignment

Ethan Long  
COP 4813  
Computer Science  
Welcome to my dynamic webpage!

**5. Analysis of Results (1.5 Points)**

* The website responds to the time of day and changes the background of the site accordingly!

**6. Conclusion (1.0 Point)**

* I definitely wish I had done the time as a range rather than case by case, I don’t know why I thought it’d be easier to visualize as a series of cases rather than something like “< 12”.

**7. Key Reflective Questions (1.5 Points)**

**Explain a specific part of your code that was most challenging to implement. Why was it difficult, and how did you resolve it?**

**None of it was particularly challenging, I supposed I had to look up how to check the time which made it the hardest part.**

**2. If you had to modify your code to handle an additional feature (e.g., session expiration message or logging login attempts), where would you make the changes and why?**

**I would probably make the colors less ugly, additionally I would like to change the font as well when the colors to change to maintain readability across the different colors.**

**3. Describe a mistake you made during development and what you learned from it.**

**I should have done the switch statement logic with ranges rather than covering all 0-23 explicitly.**

**8. Additional Comments – Bonus (0.5 Points) *(Optional)***

* I have never really done web development in the past, the implementation of JavaScript code baked directly into the HTML document was amazing. I would love to see features like this, combining various languages together. I don’t know exactly the cases I’d like to see this in but I can imagine it’d make large project much easier, replacing python script calls in C++ code with jut python code would be amazing but as one is compiled and the other not I’d imagine that’s nearly impossible.