Assignment Submission Template

**1. Student Registration Information**

* **Full Name**: Lauryn Brown
* **Student ID**: 200077686
* **Course Name**: Web Programming
* **Instructor Name**: [Dr Ahsan Abdullah]
* **Date of Submission (mm-dd-yyy)**: 06-11/2025

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

* Provide a **clear title** for the assignment.
* Include a concise **objective statement (1–2 sentences)** that describes what the assignment aims to accomplish.
* **IMAGE WEBPAGE**
* This assignment is meant to code a webpage that changes images based on the time of day and host it onto a free domain.

**CODE CAN BE ACCESSED AT THIS SITE: https://notze1da.github.io/COP4813/ASSGN3/**

**✅ Requirement:**

* Title is present
* Objective clearly stated in 1–2 sentences

**2. Code Implementation (2.0 Points)**

* Submit **fully functional code** that meets all assignment requirements.
* Ensure code is properly **formatted and indented**.
* Include **clear, helpful comments** explaining key sections and logic.
* **CODE CAN BE ACCESSED AT THIS SITE: https://notze1da.github.io/COP4813/ASSGN3/**

**✅ Requirement:**

* Code is complete and executable
* Proper indentation and formatting used
* Comments explain major components and logic

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

A screenshot of a computer

AI-generated content may be incorrect.**Screenshot of the webpage in the afternoon time showing tea time. ✅ Requirement:**

* Screenshot(s) showing execution/output provided
* Descriptions accompany screenshots for clarity

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

* Properly displays photos based on the time.
* Include **generated output or data results** from the program.
* Format data clearly (e.g., table, plain text, CSV).

**✅ Requirement:**

* Complete and relevant output included
* Output is clearly formatted and readable

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

* Write an **analysis of the results**, reflecting on:
  + Correctness of the output
  + Any issues encountered
  + Insights or learning from the results
  + The code worked well in being able to display different images based on the time of day that it was. An issue that I had when coding this was trying to get the image to fit fullscreen on the display. I had to change the code to take into account the size of different displays so that it would be fullscreen on any device. I learned a lot about being able to add images to the pages and how to display them in different way like fullscreen or just the image size itself.

**✅ Requirement:**

* Explanation of results
* Discussion of correctness and any limitations
* Personal reflections or insights

**6. Conclusion (1.0 Point)**

* Assignment was accomplished by being able to create a time changing photo background for the assignment. Ideas for future work would be to add sound or have more dynamic effects like making the text change color depending on the time of day as well or having a hovering border behind the text if the cursor goes over it.
* Provide a **summary** of what was accomplished in the assignment.
* Mention any **improvements made**, lessons learned, or **ideas for future work**.

**✅ Requirement:**

* Clear summary of outcomes
* Reflection on learning or future steps

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

* Answer all **three provided reflective questions**.
* Responses should show thoughtful engagement and originality.

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

**A specific part of my code that was difficult to implement was trying to get the size of the images to come properly on the webpage. How I resolved it was by creating a background container that allows me to control more of how the background is displayed such as its aspect ratio, scaling, positioning, and responsiveness.**

1. **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?**

**If I had to modify the code to handle an additional feature, it would be to the entrance of the page where you can enter your name so that a personal greeting comes in when you join like “Hello, Bob.”**

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

A mistake that I made in the code development was not taking into account different webpage sizes. What I learned from that was to take into consideration all the different devices that could access my page and try to make it look as nice as possible for all considered users.

**✅ Requirement:**

* All reflective questions answered
* Answers are specific, clear, and thoughtful

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

* Include any **additional insights, reflections, or feedback** beyond the required components.
* May include improvement suggestions, unexpected challenges, or creative ideas.
* Additional ideas would be to have fun graphics flying across the screen like Sakura leaves or snow depending on the season.

**✅ Optional Submission:**

* Additional comments or reflections included (for bonus consideration)