

# WAPH-Web Application Programming and Hacking

**Instructor: Dr. Phu Phung**

**Bridget May**

**Name:** Bridget May

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**Short-bio:** Hi! My name is Bridget May! I am a senior at the University of Dayton studying computer science and graphic design.



Figure 1: My headshot

## Repository Information

Repository's URL: <https://github.com/mayb05/waph-mayb05.git>

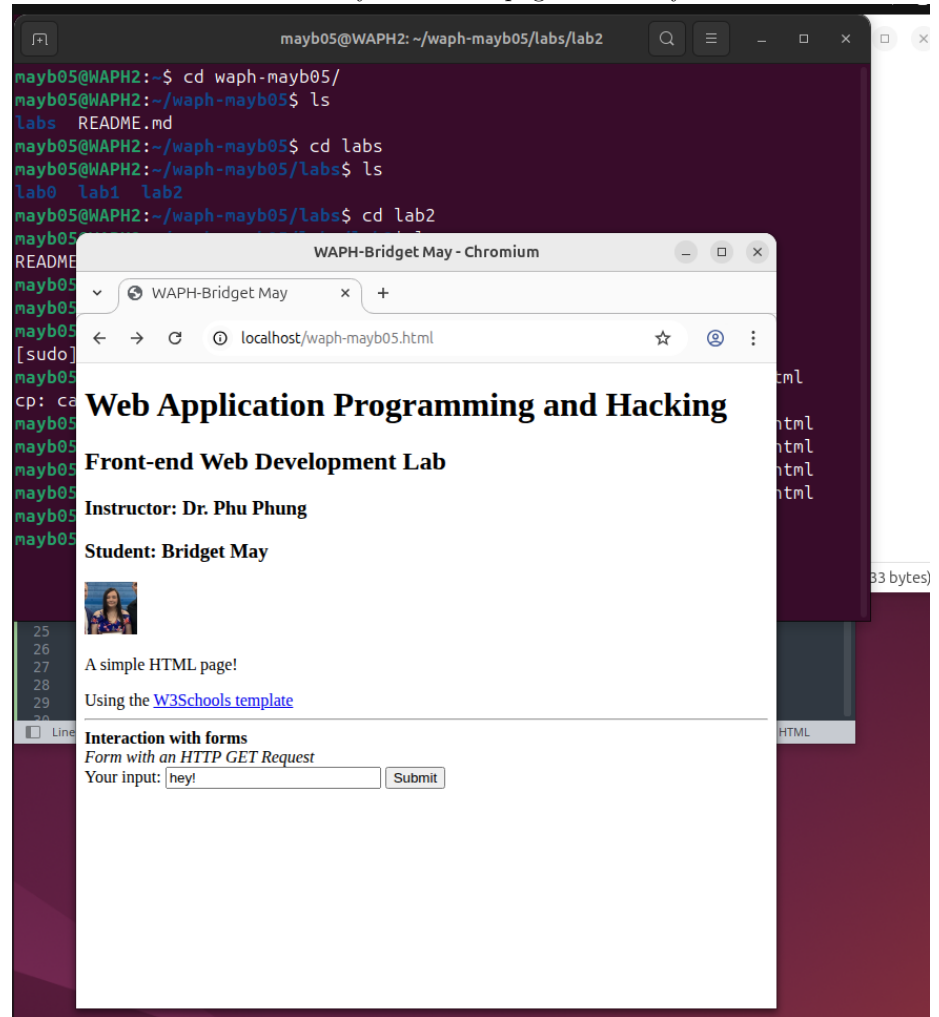
This is a private repository for Bridget May to store all code from the course. The organization of this repository is as follows.

### Lab 2 Overview

Lab link: <https://github.com/mayb05/waph-mayb05/tree/main/labs/lab2> In this lab, I created a simple HTML website that has my information as well as simple forms and css styling. Important functionalities were buttons, forms, and the time being shown.

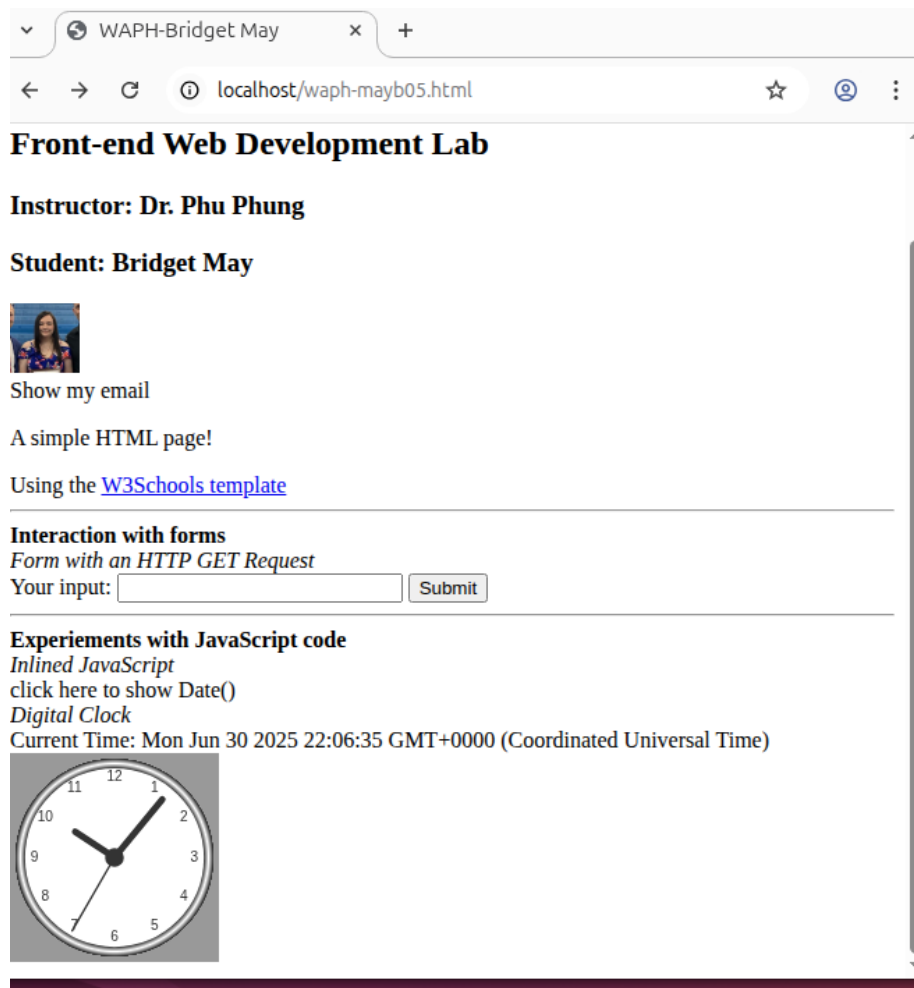
## Task 1: HTML and JavaScript

a. **HTML** Here is a screenshot to demonstrate my basic html page. It has my



headshot and a form.

b. **Simple JavaScript** Here is my website after I added the javascript. I added a button to reveal my email. After clicking my email, it will direct you to email me! I also added two ways to see the date by using script tags and inline JavaScript. The last thing added was the remote script to make the analog clock.



## Task 2: Ajax, CSS, JQuery, and Web API integrations

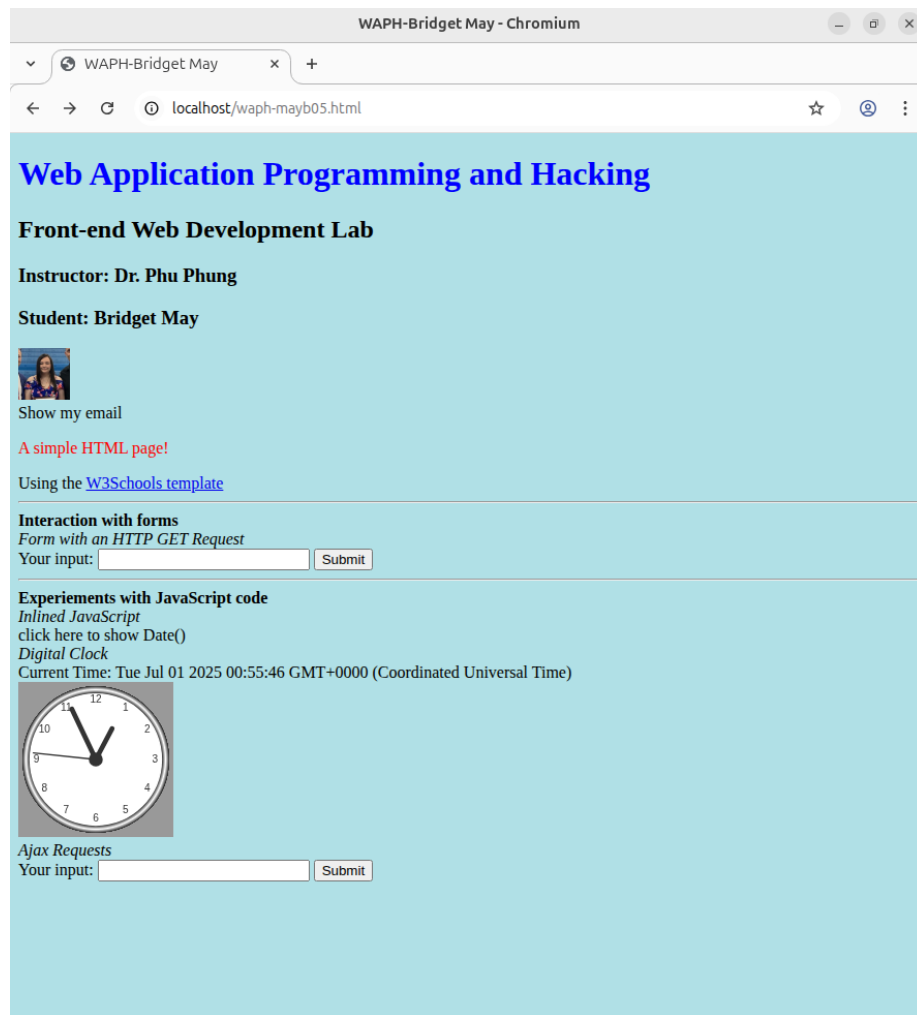
**a. Ajax** For this task, I used Ajax to view requests between the user and the server. The user can type anything into the Ajax requests box then submit and see it repeated back to them. You can inspect the network and see the request and also all of the key presses when the user types as well.

The screenshot shows a web browser window titled "WAPH-Bridget May - Chromium" with the address bar displaying "localhost/waph-mayb05.html". The page content includes:

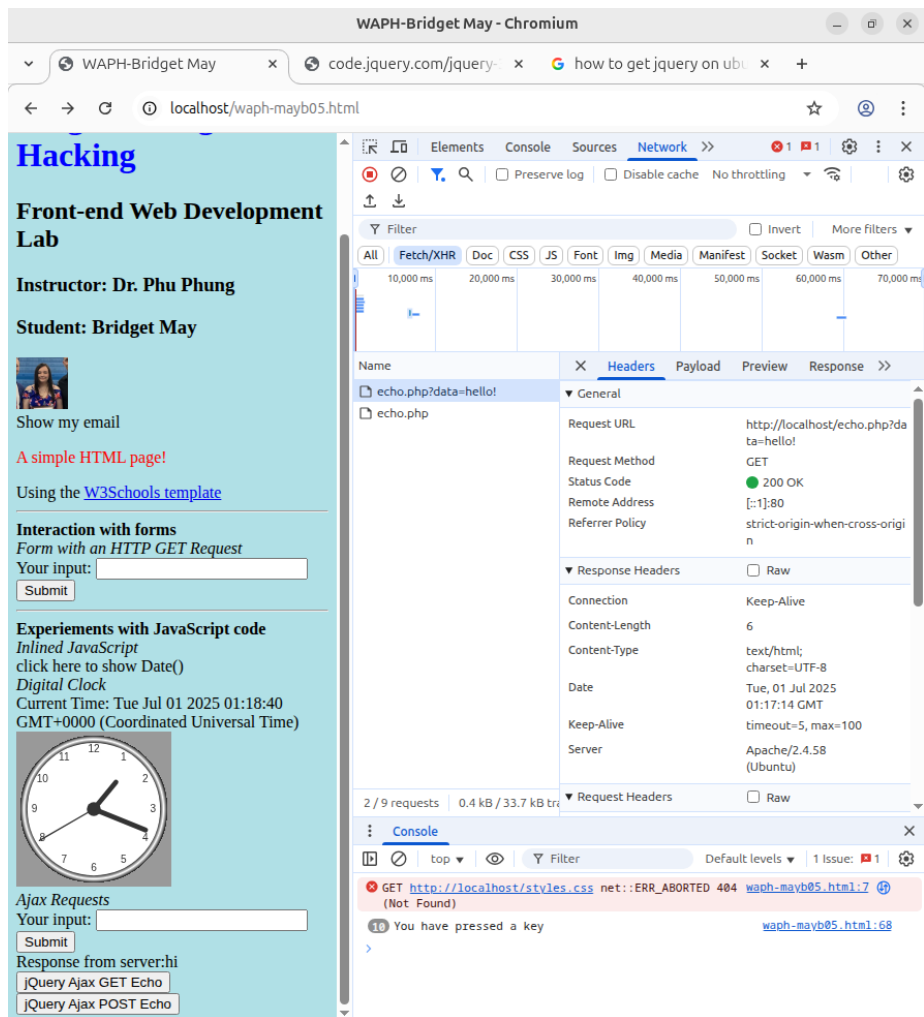
- Programming and Hacking**
- Front-end Web Development Lab**
- Instructor: Dr. Phu Phung**
- Student: Bridget May**
- A small profile picture of a woman.
- A button labeled "Show my email".
- Text: "A simple HTML page!"
- Text: "Using the [W3Schools template](#)".
- Interaction with forms**
- Text: "Form with an *HTTP GET Request*".
- Text: "Your input:" followed by an input field and a "Submit" button.
- Experiments with JavaScript code**
- Text: "Inlined JavaScript click here to show Date()".
- Text: "Digital Clock".
- Text: "Current Time: Tue Jul 01 2025 00:49:34 GMT+0000 (Coordinated Universal Time)".
- A digital clock image showing approximately 10:10.
- Ajax Requests**
- Text: "Your input:" followed by an input field and a "Submit" button.
- Text: "Response from server:Hello!"

The browser's developer tools are open, showing the **Network** tab. It displays a single request: "echo.php?data=Hello!". The request details show a status of 200, type of xhr, and a size of 0.2 kB. The **Console** tab shows the message: "You have pressed a key" and "Received data=Hello!".

b. **CSS** I styled my website using CSS to give it a colorful look. The website refers to w3schools externally. The background comes from internal styles and the text of the “Lab” heading is from inline style.



c. **jQuery** For this task, I used jQuery to study the differences between GET and POST requests using jQuery. I made two new buttons to add to the Ajax Request that specifically used new methods for jQuery GET and POST requests.



**d. Web API Integrations** I integrated the joke and age api's into my website. I just had the joke load in with the clock then had the age load with the Ajax Request section. The age api uses fetch while the joke api uses Ajax. The API believes that I am 60. I am 22 but I feel 60 sometimes so I guess that makes sense.

WAPH-Bridget May - Chromium

WAPH-Bridget May x code.jquery.com/jquery x how to get jquery on ubu x +


localhost/waph-mayb05.html

## Hacking

### Front-end Web Development Lab

**Instructor: Dr. Phu Phung**

**Student: Bridget May**



Show my email

A simple HTML page!

Using the [W3Schools template](#)

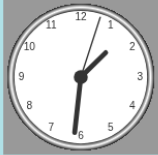
#### Interaction with forms

Form with an HTTP GET Request

Your input:

#### Experiements with JavaScript code

Inlined JavaScript  
click here to show Date()  
Digital Clock  
Current Time: Tue Jul 01 2025 01:31:04  
GMT+0000 (Coordinated Universal Time)



#### Ajax Requests

Your input:

HiBridget, your age should be 60

Network

Filter

All Fetch/XHR Doc CSS JS Font Img Media Manifest Socket Wasm Other

5,000 ms 10,000 ms 15,000 ms 20,000 ms

Name X Headers Payload Preview Response >>

Programming?type=single

?name=

?name=Bridget

Request URL https://api.agify.io/?name=Bridget

Request Method GET

Status Code 200 OK

Remote Address 165.227.126.8:443

Referrer Policy strict-origin-when-cross-origin

Response Headers

Access-Control-Allow-Credentials true

Access-Control-Allow-Origin \*

Access-Control-Expose-Headers x-rate-limit-limit,x-rate-limit-remaining,x-rate-limit-reset

Cache-Control max-age=0, private, must-revalidate

Content-Encoding gzip

Content-Length 58

Content-Type application/json;

3 / 10 requests 2.3 kB / 5.0 kB tr

Console

GET http://localhost/stvles.css net::ERR\_ABORTED 404 (Not Found)

You have pressed a key