**Week 1 portfolio**

**Reflections.**

During week 1 I was able to learn the basics of Web App Design and development. I was introduced to the basics of computer networks and key points. Some of the things I learned are

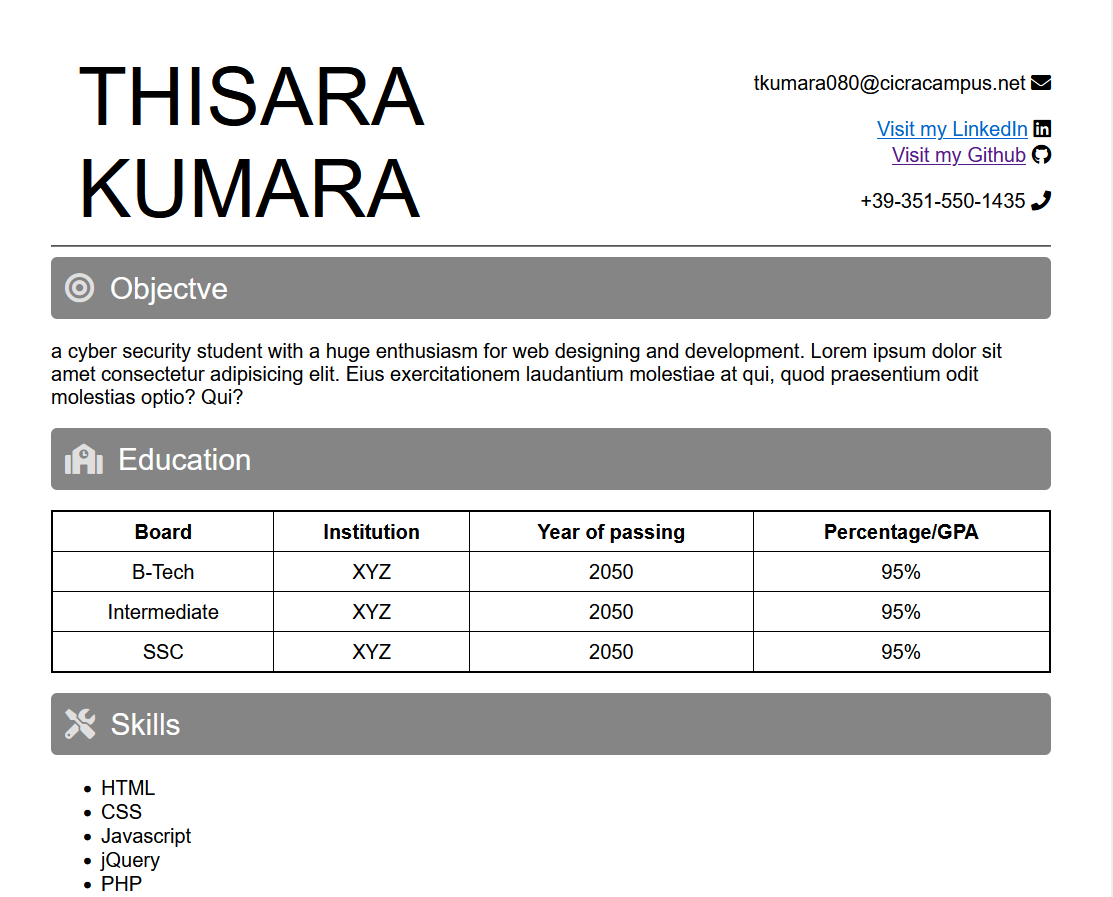
* Client - Server networks : Describes the computers that receive services and computers that provide services respectively.
* internet and Internet : The internet with simple “i” refers to a group of computers that are connected together forming a computer network. Where as the Internet with capital “I” is the entire collection of networks on the planet, which is the biggest network of computing systems and computer networks.
* WWW : WWW or the World Wide Web is a collection of electronic documents that are linked together.
* Hypertext Document : A document which contains the links to other documents,and are highlighted words in text or graphics.
* URL (Uniform Resource Locator) : The unique address of each page. It acts as the identifier of the pages location on the server.
* HTTP (Hyper Text Transfer Protocol) : Describes the way hypertext Documents are fetched over the internet.

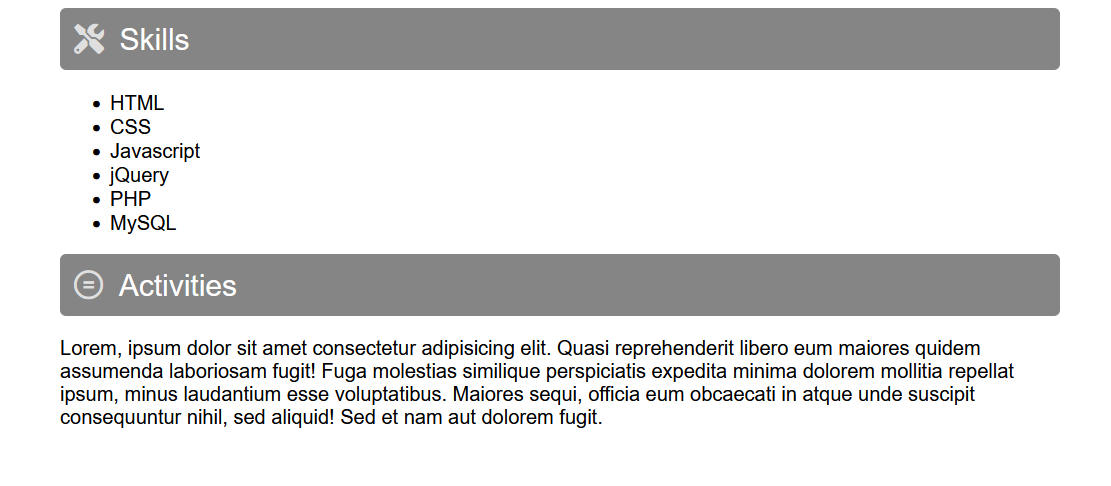
I also learned about web servers, web applications and HTML including HTML versions. I also learned basic HTML tags on the first week. Some are

* Header tags.
* Text adjusting tags.
* Nested tags etc. And we were asked to do a research on tags.

**Tasks.**

**Resume.**





Git hub link : https://github.com/river080/SIT120-RWA-assignments/tree/main/week1

**Week 2 Portfolio**

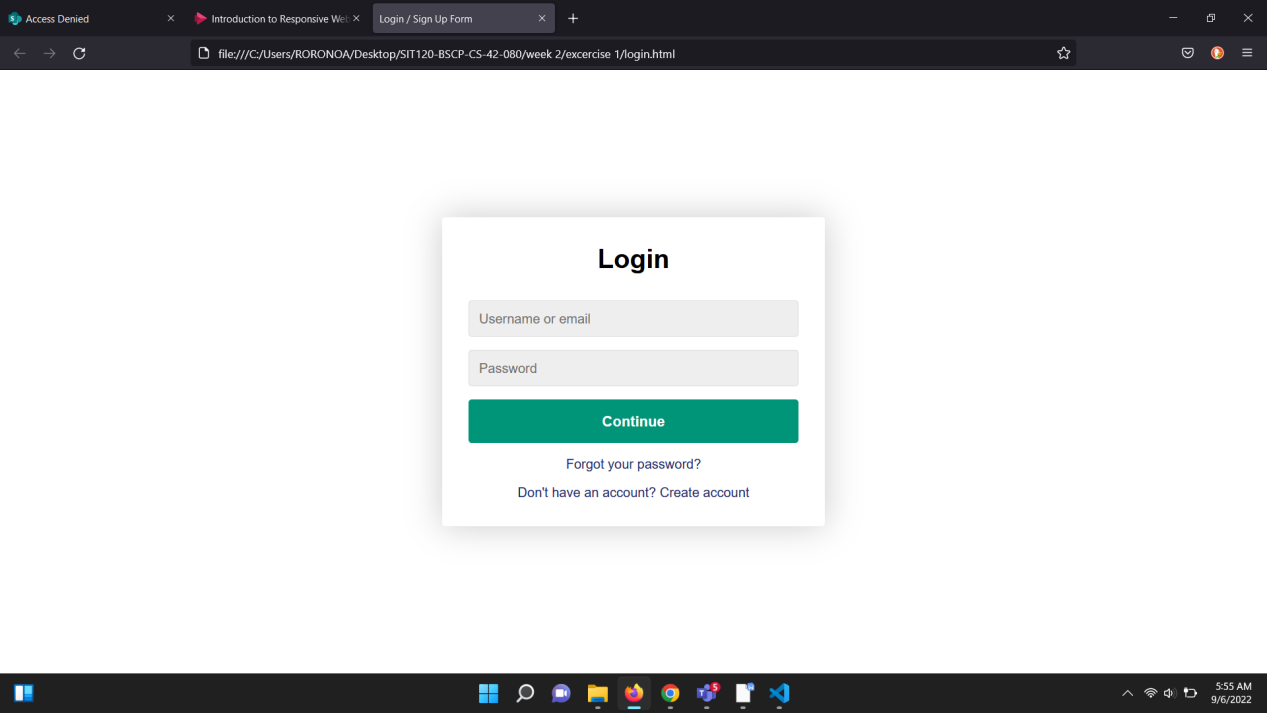
**Reflections**

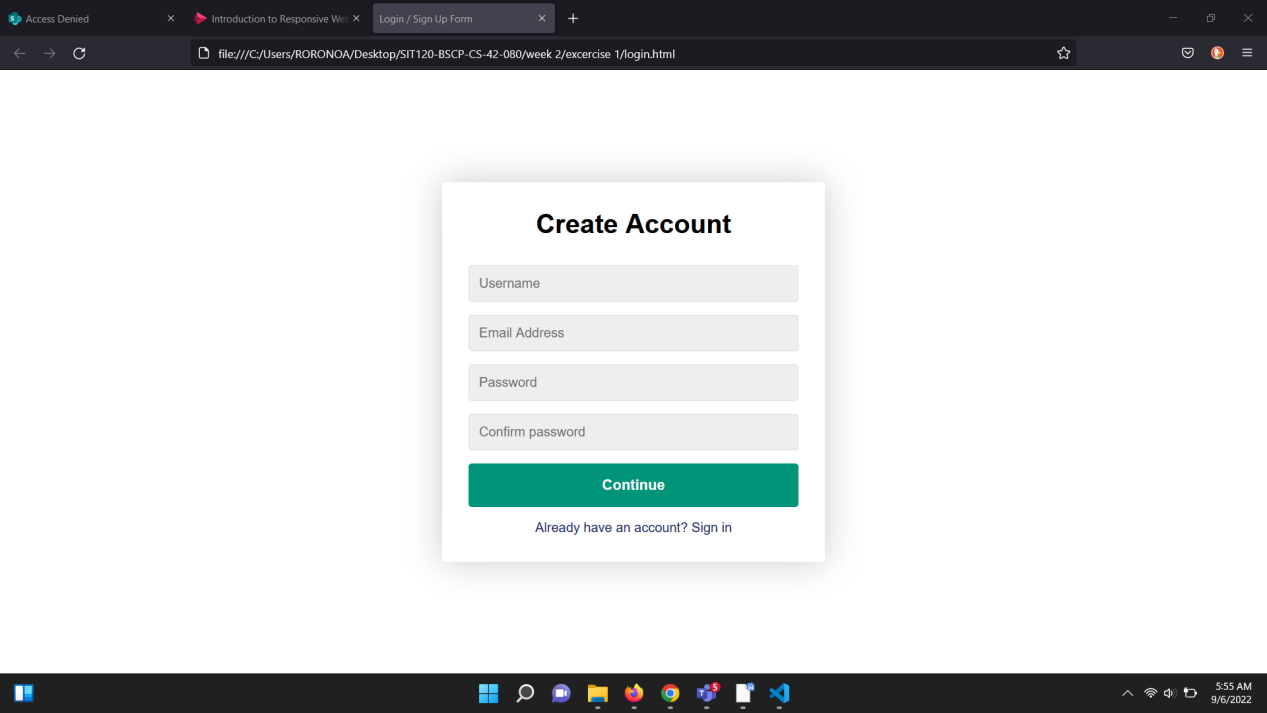
During week 2 we were taught about UI and UX process. GUI or UI designing means building interfaces in software or other computerized devices and UX designing works towards creating a better experience in using the products and services. Some of the things I learned are

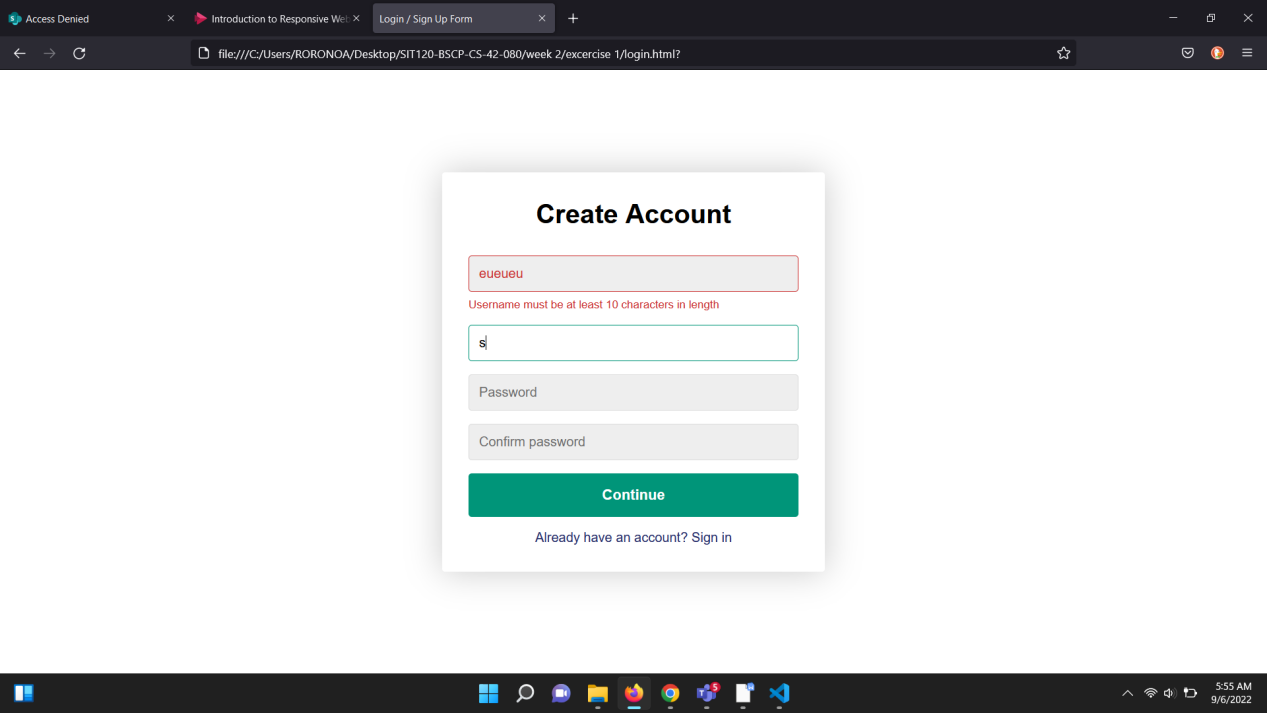
* GUI - an interface that allows the user to access and use a computer system without any complicated commands or text based system by the use of graphics. Our everyday using mobile phones , laptops use these graphical icons and other visual indicators to make a better and easier experience.
* UX - User Experience stands for how someones experience is when using a device or a software. It could be any website or an application or an OS. UX designing is the process of making a better environment and feels for anyone who would be using the software/device etc.
* Main factors that include when it comes to influencing a design are Aesthetics, Cost, Time, Safety. And there are 4 ways that we’ve been taught to improve a design for the user. They are : Mapping, Affording , Feedback and Constraints.

**Tasks**

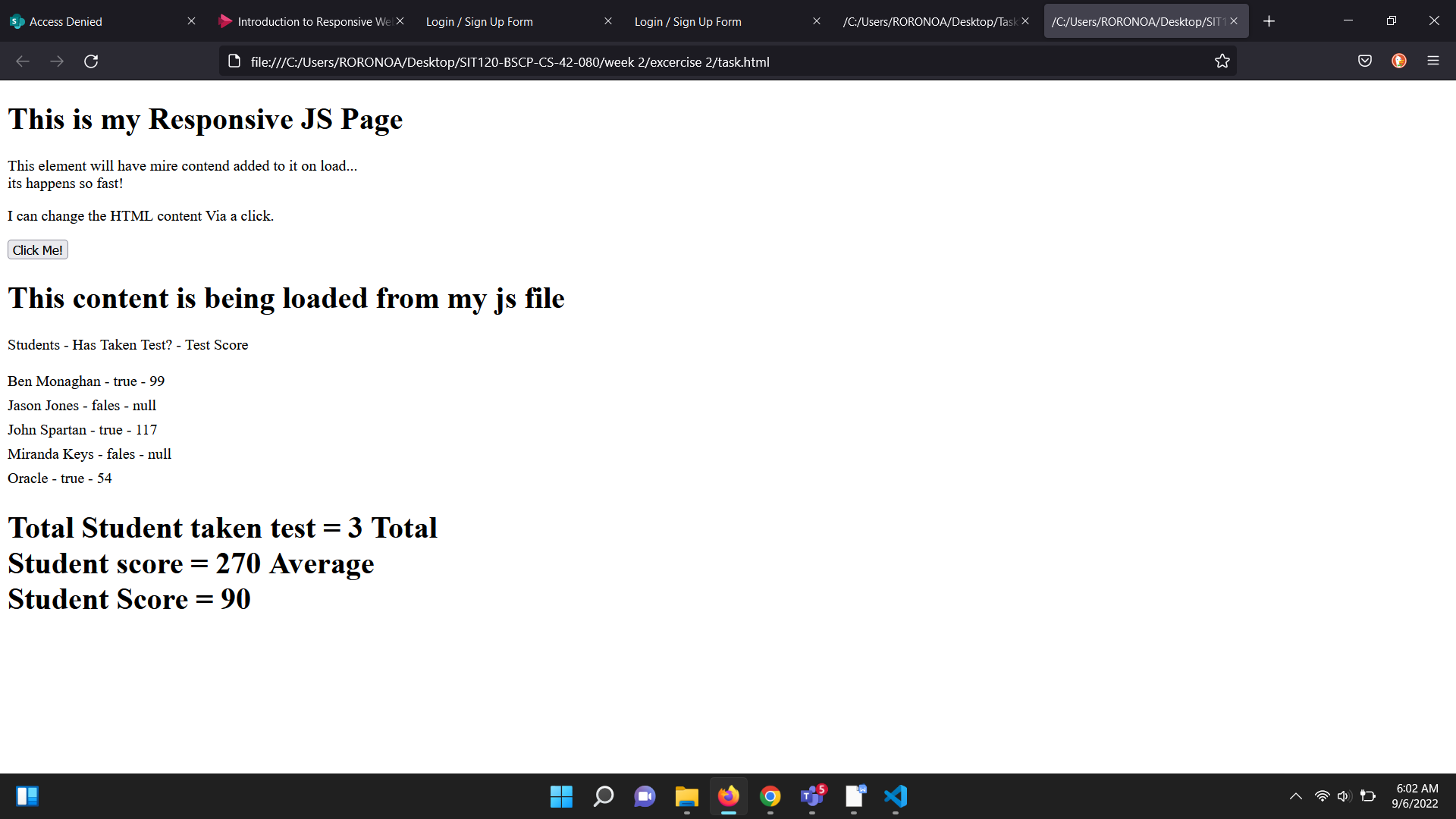
**Exercise 1. Login form.**







**Exercise 2.**



Github link : <https://github.com/river080/SIT120-RWA-assignments/tree/main/week2>

**Week 3 Portfolio**

**Reflections.**

During week 3 we were taught starting with JavaScript and basic functions. We were taught what JS is and what it does.

* It’s a scripting or programming language used today on the Web.
* It is used to enhance the functionality and appearance of web pages
* JavaScript is a client-side scripting language - Because JavaScript is interpreted by a browser,
* It is considered to be a client-side scripting language.
* We were also taught about JS being an object oriented language and is case sensitive as well.
* There are 3 kinds of declarations in JavaScript.

1. Var - declares a variable.
2. Let - declares a local variable initializing it to a value.
3. Const - declares a read-only names constant

* We also learned about JavaScript functions and advantages of functions. Namely 2.

1.Code re usability: We can call a function several times so it

save coding.

2.Less coding: It makes our program compact. We don’t need to

write many lines of code each time to perform a common

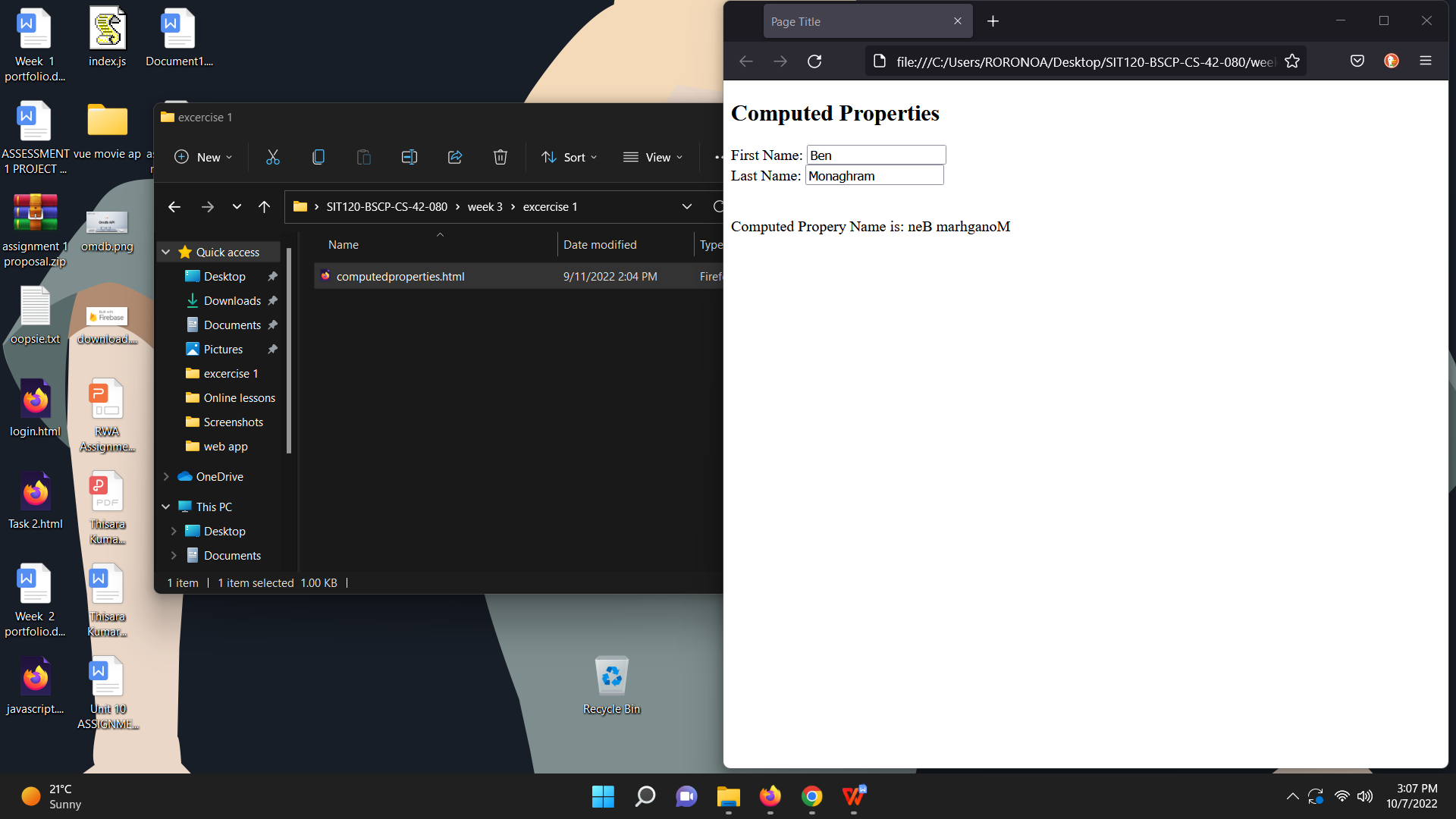
task.

* DOM - Document Object Model
* DOM is a programming interface for web documents. It represents the page so that programs can change the document structure, style, and content. The DOM represents the document as nodes and objects; that way, programming languages can interact with the page.
* JSON - JavaScript Object Notation stands for a text written with JS object notation and is a syntax for storing and exchanging data.
* We also learned about the JQuery library. Which is a widely used framework that simplifies JS programming. It contains the following major features.

1. HTML/DOM manipulation
2. CSS manipulation
3. HTML event methods
4. Effects and animations
5. AJAX
6. Utilities.

**Tasks.**

**Exercise 1. Computed Properties.**



**Exercise 2. Tip Calculator.**

