

PROGRAMMING PROJECT

GROUP: GAME DESIGN AND DEVELOPMENT

MICHAEL KAHUHU

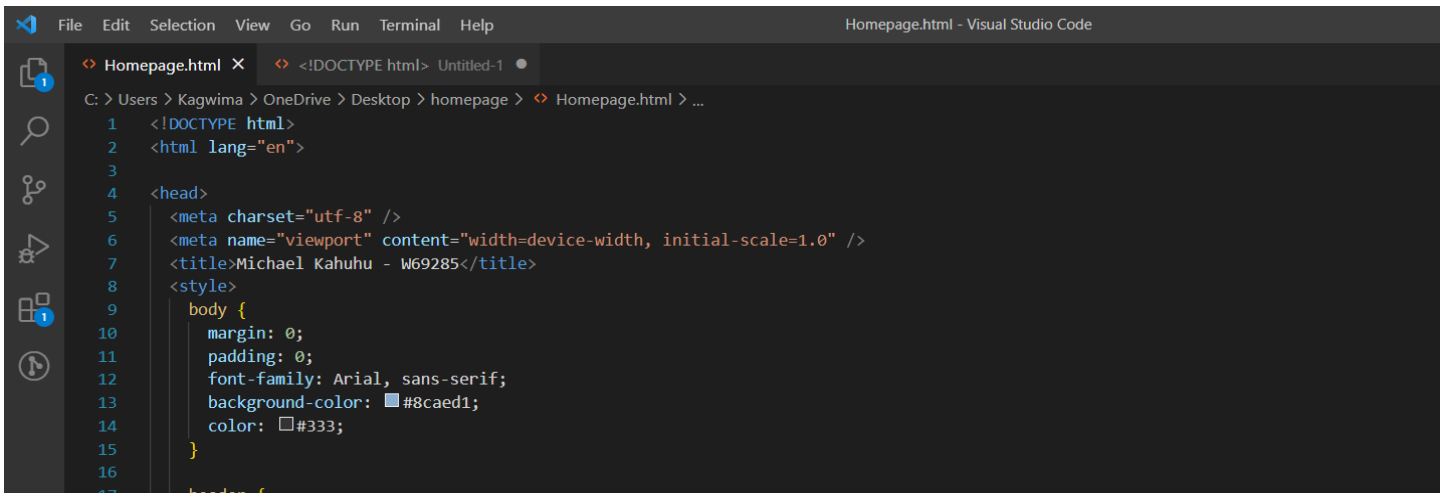
W69285

TUTOR: NATALIA STRUKALO

ABOUT

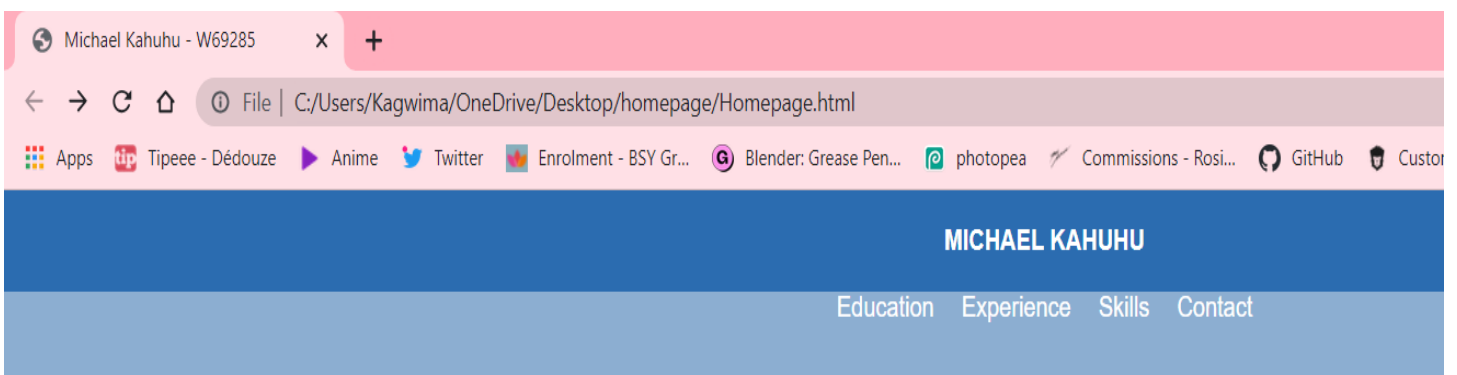
This is a summary of the programming laboratory project. Given below are details and explanation of different sections of the HTML, JavaScript, and CSS code. I have also included specific information about the layout of the website. It has been explained to the best of my ability.

1. Head Section:



```
Homepage.html - Visual Studio Code
Homepage.html x <!DOCTYPE html> Untitled-1
C: > Users > Kagwima > OneDrive > Desktop > homepage > Homepage.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8" />
6   <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7   <title>Michael Kahuhu - W69285</title>
8   <style>
9     body {
10       margin: 0;
11       padding: 0;
12       font-family: Arial, sans-serif;
13       background-color: #8caed1;
14       color: #333;
15     }
16
17     header {
```

- The head section includes **html** as the preferred language of code, meta tags for character encoding and viewport settings.
- The title of the page is set to "**Michael Kahuhu - W69285**". This is according to instructions given and it helps identify my website at the top while any user browses the page.



- Inline CSS styles are defined to customize the appearance of various elements on the page.
- The **<style> </style>** This section encloses the styles that are used to apply to various parts. I chose blue as the background color. It is a safe color and not too strong for the viewer. The lists needed to be a certain way, including color to ensure that they can be seen clearly.

```
8 <style>
9   body {
10     margin: 0;
11     padding: 0;
12     font-family: Arial, sans-serif;
13     background-color: #8caed1;
14     color: #333;
15   }
16
```

- The code includes an external CSS file called "slider_style.css" for additional styling.

2. Body Section:

- The body section starts with a header containing my name "MICHAEL KAHUHU".
- The navigation menu is provided with links to different sections of the website, such as Education, Experience, Skills, and Contact. These are clickable to see more details about me.

```
File Edit Selection View Go Run Terminal Help
Homepage.html - Visual Studio Code
Homepage.html x <!DOCTYPE html> Untitled-1
C: > Users > Kagwima > OneDrive > Desktop > homepage > Homepage.html > ...
117 <header>
118   <b>MICHAEL KAHUHU</b>
119 </header>
120
121 <nav>
122   <ul>
123     <li><a href="C:\Users\Kagwima\OneDrive\Desktop\homepage\Education\Education.html">Education</a></li>
124     <li><a href="C:\Users\Kagwima\OneDrive\Desktop\homepage\Experience\Experience.html">Experience</a></li>
125     <li><a href="C:\Users\Kagwima\OneDrive\Desktop\homepage\Skills\Skills.html">Skills</a></li>
126     <li><a href="C:\Users\Kagwima\OneDrive\Desktop\homepage/Contact/Contact.html">Contact</a></li>
127   </ul>
128 </nav>
129
```

A href="" this is the place where to link these headings to enable them to be viewed and clickable.

About: Game Industry Experience

3. About: Game Industry Experience (Article):

- This section is about game development and game design, the course I am studying.
- It mentions the collaborative nature of game development and the creative process involved in designing games and mostly my views and experiences. I use the `<h2>` `</h2>` for the header of the article and `<p>` `</p>` to ensure that the paragraphs start as I desired.
- The decision to include this information might be to give visitors a brief overview of the creator's experience and interests in the game industry.

```
129
130 <main>
131   <article>
132     <h2>About: Game Industry Experience</h2>
133     <p>Game development is a team sport, and that means that much of the time is taken up with meetings. While it can be great interacting with other team members, there's always a gnawing frustration about needing to get back to your workstation and get some "real work" done. Game designing is a creative and imaginative process that allows individuals to bring their ideas to life in a fun and interactive way. The act of designing a game involves combining various elements such as storylines, characters, rules, and mechanics to create an immersive and engaging experience for players.
134     <p>Game designers often enjoy the challenge of finding the right balance between difficulty and enjoyment, as well as the satisfaction of seeing their ideas come to fruition in the form of a playable game. They also appreciate the opportunity to express their creativity and artistic vision through the design of game worlds, characters, and other elements.
135   </article>
136
137   <header>
138     <h1><b>HOBBIES</b></h1>
139   </nav>
140
```

About: Game Industry Experience

Game development is a team sport, and that means that much of the time is taken up with meetings. While it can be great interacting with other team members, there's always a gnawing frustration about needing to get back to your workstation and get some "real work" done. Game designing is a creative and imaginative process that allows individuals to bring their ideas to life in a fun and interactive way. The act of designing a game involves combining various elements such as storylines, characters, rules, and mechanics to create an immersive and engaging experience for players.

Game designers often enjoy the challenge of finding the right balance between difficulty and enjoyment, as well as the satisfaction of seeing their ideas come to fruition in the form of a playable game. They also appreciate the opportunity to express their creativity and artistic vision through the design of game worlds, characters, and other elements.

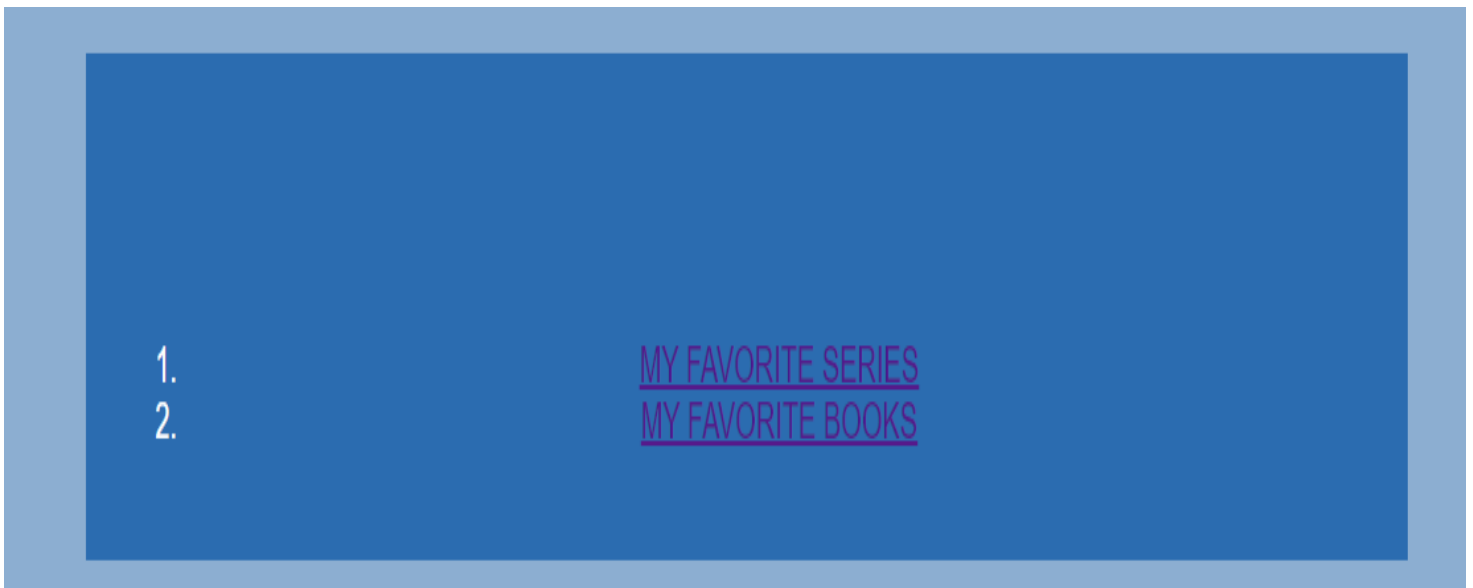
4. Hobbies Section:

- This section starts with a header containing the text "HOBBIES".
- It includes a navigation menu with links to "MY FAVORITE SERIES" and "MY FAVORITE BOOKS".
- The decision to include this section might be to share the creator's hobbies and interests with visitors to my website.

```

136
137
138 <h1><b>HOBBIES</b></h1>
139
140 <nav>
141   <ol>
142     <li><a href="C:\Users\Kagwima\OneDrive\Desktop\homepage\Series\SeriesIndex.html">MY FAVORITE SERIES</a></li>
143     <li><a href="C:\Users\Kagwima\OneDrive\Desktop\homepage\Books\BooksIndex.html">MY FAVORITE BOOKS</a></li>
144   </ol>
145 </nav>
146 </header>

```



5. Slider Section:

- This section contains a slider for displaying my favorite series. The **** tag in HTML is used to embed an image into a web page. The **src** attribute is used to specify the source (URL or file path) of the image file that should be displayed.

```

Homepage.html - Visual Studio Code
C:\Users\Kagwima\OneDrive\Desktop\homepage > Homepage.html > ...
147 <section>
148 <h2><b>MY FAVORITE SERIES</b></h2>
149 <div class="slider">
150   <ul class="slides">
151     <li class="slide"></li>
152     <li class="slide"></li>
153     <li class="slide"></li>
154   </ul>
155 </div>
156 <p><b>MY REVIEWS.</b></p>
157 </section>

```

- The slider is implemented using a `<div>` element with the class "slider" and a list of `` elements for each slide image.
- The decision to include a slider might be to highlight my favorite series with a rating system.

MY FAVORITE SERIES



6. Favorite Series Reviews (Article):

- This section provides a table with series names and ratings.
- The decision to include this table might be to share the creator's opinions and recommendations about the favorite series.

MY REVIEWS.

SERIES	RATING
YOU	10/10
BROOKLYN NINE-NINE	8/10
HOW I MET YOUR MOTHER	9/10

7. Contact Form Section:

- This section includes a form for visitors to contact the creator.
- The form includes fields for name, email, checkboxes for newsletter subscription, radio buttons for a discount, and a date picker.
- The decision to include a contact form might be to allow visitors to interact and reach out to the creator easily.


For More Information Contact Us Here

Name:

Email:

Do you want to get news daily? ☒

Do you want to get 10% discount? ☐

Select first news day: 

8. Footer Section:

- The footer includes a copyright notice and the creator's name.
- The decision to include a footer is a common practice to provide information about the website and its creator.

For More Information Contact Us Here

Name:

Email:



Do you want to get news daily? ☒

Do you want to get 10% discount? ☐

Select first news day: 

© 2010-2023 KahuhuMichael.pl

```
202     <div>
203     |   <input type="submit" value="Subscribe!">
204     | </div>
205   </form>
206 </section>
207 </main>
208
209 <footer>© 2010-2023 KahuhuMichael.pl</footer>
210
211 <script src="slider.js"></script>
212 </body>
213
214 </html>
215
```



Restricted Mode 0 0

CONCLUSION

The website is not perfect. I had a lot of issues with the sliders. I was unable to solve the sequence. After the final image there is a blank space on the website. I am still trying to figure out how to make sure it is completely continuous.

However, I learned how to design a html website in a basic format. To make sure each page looks good it is important to add the background color. When I create a table, it is best to edit the code to a format that I find most appealing. I learned how to link JavaScript and CSS code to html. In my webpage I linked external JavaScript and CSS which involves adding a link. This is very convenient for styling the webpage and adding appeal.

I am happy with the design and in the future look forward to improving the code.