Learning Module One: Introduction to HTML

Kayleigh Steckel and Thomas Polito
Honors Advanced Topics ~ Block F

Learning Module 2: Introduction to HTML - FINAL REPORT

- The group members who worked on this module are Kayleigh Steckel and Thomas Polito.

- The pair covered the fundamentals of HTML while incorporating CSS and JavaScript.

- Throughout this module, Kayleigh and Thomas learned various important skills while using HTML to program a website. These skills include the basics of writing HTML, implementing JavaScript into HTML, and the basics of CSS. They learned vocabulary associated with HTML, such as the terms Favicons or Semantics, as well as proper formatting. They also learned the syntax of HTML (making headings, scripts, titles, and adding images onto their websites). The pair used JavaScript to add buttons to their website and learned the basics of programming them.

- For the majority of the learning module, everything went smoothly for the two as they worked their way through the W3 Schools HTML guide. Later on, when Kayleigh and Thomas started programming in Notepad, they ran into issues with debugging. The application they used to write their HTML (Notepad) did not offer any assistance with errors. Notepad would not directly tell the user what the issue with their HTML was, only underlining a potential problem area with red.
- Kayleigh also had trouble when attempting to add a Favicon to her website. While W3 Schools was able to provide a base level of knowledge, the site occasionally lacked specific instruction on how to implement the topics it discussed. To resolve this issue, Kayleigh began to search for additional information on alternate sites, which helped her resolve the issues within her code.

- The pair would suggest that someone attempting the same learning module as them to start coding in HTML sooner. Kayleigh and Thomas had started writing in Notepad in the last few days of the module, which gave them less time to actually experiment with how the language works. Additionally, while W3Schools is a good resource, they would recommend branching out and searching for other resources to use in combination with it, such as online videos or forums.

- Both Kayleigh and Thomas felt as though the information they learned throughout this module was extremely useful. They learned HTML skills that could allow them to program other websites in the future and having a basic understanding of this language could be relevant as they go onto college and eventually into the workforce. W3 Schools was a great resource for them to work through, as it is easily accessible from any device, and they both plan on using it for future coding endevors.

LEARNING MODULE 2 || HTML LOG

Kayleigh Steckel and Thomas Polito

September 12, 2024 || Block F || Day 1 (Half Day)

On day 1, Kayleigh and Thomas spent a majority of their time working on their initial proposal for this learning module. This process included deciding on a subject for the module, and planning the layout. Afterward, the pair researched HTML and CSS, using W3 Schools. https://www.w3schools.com/html/default.asp

September 13, 2024 || Block F || Day 2

On day 2, Kayleigh and Thomas worked on familiarizing themselves with how HTML works. They learned about the different kinds of tags, about favicons, the importance of titles, classes, lists, Iframes, and other interesting nuances to the language. Kayleigh took notes on syntax to use as a tool throughout the module, while Thomas clicked through some of the examples provided by W3Schools.
Instructions on how to create and save HTML files:
https://www.w3schools.com/html/html_editors.asp
Favicon:
https://www.w3schools.com/html/html_favicon.asp

September 16, 2024 || Block F || Day 3

On day 3, Kayleigh and Thomas continued to work through the curriculum on W3Schools. Kayleigh learned how to do different types of text formatting and how to change the actual text's colors and style. She also learned about how JavaScript can be used in combination with HTML. Thomas read into Semantic Elements and what they mean and do, as well as briefly skimming through the style guide, which covers the proper practice when it comes to writing HTML.

September 18, 2024 || Block F || Day 4

On day 4, Kayleigh and Thomas began to write HTML on Notepad, as the tutorial that W3Schools had directed. The pair had some issues with images appearing on their websites, so they spent a larger amount of time working on fixing that issue.

September 19, 2024 || Block F || Day 5

On day 5, Kayleigh and Thomas figured out how to display images on their websites. Kayleigh worked on adding links, additional formatting, and a favicon to her website, while Thomas looked into implementation of media and JS into the existing HTML lines.
Favicon Resources:
https://www.youtube.com/watch?v=8iXHciqlAdA
https://community.hubspot.com/t5/Blog-Website-Page-Publishing/Favicon-not-showing-for-websites/m-p/933593#:~:text=If%20you've%20confirmed%20that,see%20if%20the%20favicon%20appears.

September 20, 2024 || Block F || Day 6

On day 6, Kayleigh and Thomas both began experimenting with other components of HTML. They both did their research and implemented whatever it was they aimed to do accordingly. Thomas started to implement JavaScript into the HTML he had written so that the user could press a button which changed the color of the text and background. Kayleigh also worked on incorporating JavaScript, and figured out how to make text change color upon user input.

Learning Module 2 - Resources Used

Honors Advanced Topics

Kayleigh Steckel and Thomas Polito

ONLINE RESOURCES

W3 Schools: HTML Tutorial

Kayleigh and Thomas used this online guide as their main source of information while learning HTML. This site covered everything they needed to know (basic syntax, imaging, how to incorporate javascript) as well as many more other topics that they could come back to as they develop their HTML skills further. The website included real examples and areas for the pair to explore code, which was conducive to their learning.

Bro Code: Learn HTML Favicons In 2 Minutes

This Youtube video was very helpful for Kayleigh when she began to try and add a favicon to her website. It laid out the basic information quickly and in a way that was easy to understand.

HubSpot Community: Favicon Not Showing For Websites

This website was one that Kayleigh used in conjunction with the previously mentioned Youtube video. It showed the importance of where code and files are placed when attempting to code a website.