

Welcome to the iUP Coding Community!!

1-24-2023



OUR COMMUNITY AGREEMENTS



1. ACTIVE LISTENING
2. POSITIVE EXPRESSIONS
& no Put Downs
3. CHOICE to Participate
4. PERSONAL BEST
5. Mutual RESPECT



Meeting Dates

Jan 24th - HTML

Mar 7th JavaScript

May 30th - Final Project/

Jan 31st - HTML

Mar 21st - JavaScript

Last Meeting

Feb 7th - Show And Tell

Mar 23rd - Last Show And Tell

Feb 14th - CSS

Apr 4th - Recap

Feb 21st - CSS

May 9th - Final Project

Feb 28th - Show And Tell

May 16th - Final Project

May 23rd - Final Project



Activity Steps

Making Our Coding Community Folder

- 1) Create a folder
- 2) Create index.html File inside that folder

Installing VSCode Extensions

- 1) Install live server extension
- 2) Install HTML hint extension

Starter Html Code

```
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>My First Webpage</title>
  </head>
  <body>
    <h1>My First Webpage</h1>
    <p>Paragraph Text</p>
  </body>
</html>
```

Starter Html Code Explained

`<html lang="en">` - declares what language website will be in (helps screen readers with punctuation and just in general is good to have)

`<head>` - head helps the browser interpret your webpage, we do not put elements inside of the head

`<meta charset="UTF-8">` - This is a charset, is is basically the encoder for your HTML document, just use UTF-8 because it covers a majority of miscellaneous characters displayed on a page

`<meta name="viewport" content="width=device-width, initial-scale=1">` - This **gives the browser instructions on how to control the page's dimensions and scaling**. The width=device-width part sets the width of the page to follow the screen-width of the device (which will vary depending on the device).

`<title>My First Webpage</title>` - basically a title for your webpage, displays in tab name up top

`</head>` - This is the ending head tag, ends the head portion (notice / indicates end tag)

`<body>` - This is where we actually start to put the content, everything you see on a webpage is contained within the body.

`<h1>My First Webpage</h1>` -Headings are defined in a page's HTML. The H1 heading is often referred to as the "main heading", while **H2-H6 headings are referred to as "subheadings" because they indicate sub-levels**.

`<p>Paragraph Text</p>` - The `<p>` HTML element represents a paragraph. Paragraphs are usually represented in visual media as blocks of text separated from adjacent blocks by blank lines and/or first-line indentation, but HTML paragraphs can be any structural grouping of related content, such as images or form fields.

`</body>` - Same as before, all the content should go in between the body start tag and the body end tag

`</html>` - signifies the end of your HTML doc, links to first line, basically your HTML is contained between the HTML tags

Tags

`<h1>` - `<h6>` - Heading tags, each one of them has predefined styling that can be changed later using CSS, should be used in order of importance for content on webpage (type them out and show)

`<p>` - paragraph tags, used to designate text that is not a heading

`` - makes text bold, this is an inline predefined styling element (can be used along or inside of an above text element)

`` - makes text italicized, this is an inline predefined styling element (can be used along or inside of an above text element)

`` - makes a list that isn't sequential, bullet points

`` - makes a list that is sequential, numbered

`` - designates each list item, format should look like this

`` - clickable link, has default styling, href stands for hypertext reference, meaning where do you want me to reference upon click (you put url inside of "" after href), you can link both internally within your folder, or externally to anywhere on the internet, when linking internally you should always start it with ./ (it will work without it, but it's just best practice)

`` - no end tag, source means what image would you like to display and alt is the alt text in case the user can't see the image, helps screen readers (you can use ./ to access the root folder and then access your image folder)

Code Comments

`<!-- -->` - made using ctrl/command + forward slash , or you can type it out manually (Comments are only there for human use and the computer completely ignores them when running your document)

Several uses:

- Help lines of code make more sense
- If you can't explain the code, then there could be a problem with the code
- Write out what you want to make before you start making it
- To mark incomplete portions of code
- To stop running certain code when you're trying to test a different part out
- However, writing clean code is a lot more important to understanding than comments are. (code should explain comments, not the other way around)
- Code tells you how, comments tell you why

My First Webpage

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>TITLE OF WEBPAGE</title>
</head>

<body>
  <h1>INPUT HEADING TITLE</h1>
   <!-- IN THE SRC SECTION PUT YOU MAIN IMAGE FILE NAME IN BETWEEN THE
QUOTATIONS -->
  <p>INPUT PARAGRAPH TEXT HERE</p>
</body>
</html>
```

Questions?

Resources

Tutorials

- [w3schools](#)
- [Developer Mozilla](#)
- [CareerFoundry](#)

Github Coding Community Repository

- [Coding_Community](#)
- [Make A GitHub Account](#)

