HTML BASICS

OVERVIEW & PURPOSE

Learn the HTML basics including what is HTML, HTML structure and the use of fundamental tags(head, body, p, title, h1).

WHAT IS HTML?

1. HTML stands for hyper text markup language and is the standard markup* language for the web
2. HTML describes the structure of a web page. Basically the bare bones of any web page. The series of elements(tags) describes what goes where on a web page.

HTML STRUCTURE

If you look at the code below you'll see our code looks like a series of tags within one another. The structure of code in HTML is similar to a file system structure where tags can be on the same level as each other or inside of another tag. Notice the title is inside of the head tag, while head and body are on the same level.

BASIC TAGS

1. **<!DOCTYPE html>** This is a declaration that defines this document as an HTML5 document
2. **<HTML>** This is our root element(tag)
3. **<HEAD>** This element contains any meta information about the HTML page such as links to external CSS or Javascript files. Title tags also go here.
4. **<BODY>** This element defines our document's body and is our container for all the visible contents on the page such as paragraphs,
5. **<P>** This element defines a paragraph of text
6. **<TITLE>** This element specifies the title for the HTML page, this will be visible on the browsers title bar

7. **<H1>** This element defines a large heading

CODE

```
<!DOCTYPE html>
<html>
    <head>
        <title>Page Title</title>
    </head>
    <body>
        <h1>Heading</h1>
        <p>paragraph.</p>

    </body>
</html>
```

HOW TO RUN YOUR HTML FILE

Navigate to the file in your folder. Right-click and choose to run it in a browser. Pretty simple :)

HOMEWORK

Think of your restaurant website. Create a basic structure of your first webpage using this lesson on the HTML basic structure. Include your website title, a heading, and a paragraph describing your restaurant. Send this file to me via email.

NOTES/EXTRAS

- I use tags/elements pretty interchangeably, they mean the same thing.

- Add comments to your code by wrapping your comment in this tag <!--your comment goes here :) -->
- Feel free to use this structure as the starting point of all of your projects, just make sure you understand what's going on and if you don't, always ask questions!
- *mark up languages is a system for processing documents that are meant to be displayed somewhere