So You Want to Learn To Use HTML and CSS
Chapter 1 – Part B
A Simple HTML Document Explained

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In this video we will cover:

- A simple HTML document

- Tags

  - DOCTYPE

  - HTML

  - HEAD

  - META

  - TITLE

  - BODY

  - H1

  - P

A Simple HTML Document

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta name="author" content="James M. Reneau">
        <title>A Really Simple Page</title>
    </head>
    <body>
        <h1>My first webpage &amp; example.</h1>
        <p>A paragraph of text. Asa sareha tubedit nelurie
cerietatesa iferitam? Teta tas ho sihut cakek usu ties
getef.</p>
    </body>
</html>
```

The DOCTYPE

```
<!DOCTYPE html>
```

- This first line tells the world that this file is a text file containing HTML.

- Other types of files (XML, XHTML, and prior versions of HTML) use a different DOCTYPE specification.

- The "html" specifically is used for documents that follow the Living Standard.

The <html> tag

`<html lang="en">` … `</html>`

- The `<html>` tag contains the entire web page.

- All other tags MUST be between

  - the beginning `<html>`

  - and the ending `</html>`

- The `lang="en"` attribute tells the Web browser that this document is in English.

  - Many other languages are possible.

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The <head> tag

`<head> ... </head>`

- A document must have a `<head> … </head>`

- Information about the page is typically placed in the head.

The <meta> tag

```
<meta charset="utf-8">
<meta name="author" content="James M. Reneau">
```

- The <meta> tag is a void tag (it does not have a close)

- They are only allowed in the <head> and contain information about the page.

- The first one tells the browser that the characters of this file are encoded in the UTF-8 standard.

- The second specifies who the author of the page is.

The <title> tag

`<title>A Really Simple Page</title>`

- The `<title>` tag must be in the `<head>`

- The title is usually displayed by the browser in the page's tab or on the top of the browser window.

- Titles may also be displayed by search engines when listing pages.

- Every page must have a title.

The <body> tag

`<body>` ... `</body>`

- All of the visible page goes into the <body> of the document.
- Your page must have one <body>

The <h1> tag

`<h1>`My first webpage `&` example.`</h1>`

- `<h1>` Is Header Level 1
- Includes the special character `&` which displays an "`&`"
  - We must do that because HTML uses the '&'

The <p> tag

`<p>A paragraph of text. Asa … getef.</p>`

- The <p> tag contains a paragraph of text.

- HTML will

  - Remove any extra white-space from the text

  - Justify and wrap the text on the browser

Thank you

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