HTML Code

Foundations of Computer Science
Unit 2 - Web Development
Lesson 4 - Headings
Mrs. Font
8th Grade
Classroom.google.com
Join the class using: Code: 1r7oj1p

Lesson 4

- **Take your Journal out**
- **Review Lesson 3**
- **Lesson 4 - Headings**
- **Pair Programming Video**
- **Complete lesson 4 with a partner using pair programming technique.**
- **Complete Quiz individually.**
- **Complete personal webpage individually.**
- **You will be making your website starting with Lesson 4. Make sure to do a good job.**

HTML Documents

- **All HTML documents must start with a document type declaration: <!DOCTYPE html>.**
- **The HTML document itself begins with <html> and ends with </html>.**
- **The visible part of the HTML document is between <body> and </body>.**

Default Tags

All HTML pages include a common set of tags. They're so common, in fact, that all Web Lab projects will start with them added already.

HTML Tag	What it does
1 `<!DOCTYPE html>` 2 ▼ `<html>` 3 ▼ `  <head>` 4 5 `  </head>` 6 ▼ `  <body>` 7 8 `  </body>` 9 `</html>`	This starter code is included in each Web Lab project. The different tags are explained below.

Concepts

- An HTML element usually consists of a start tag and an end tag, with the content inserted in between.
- <tagname>Content goes here...</tagname>

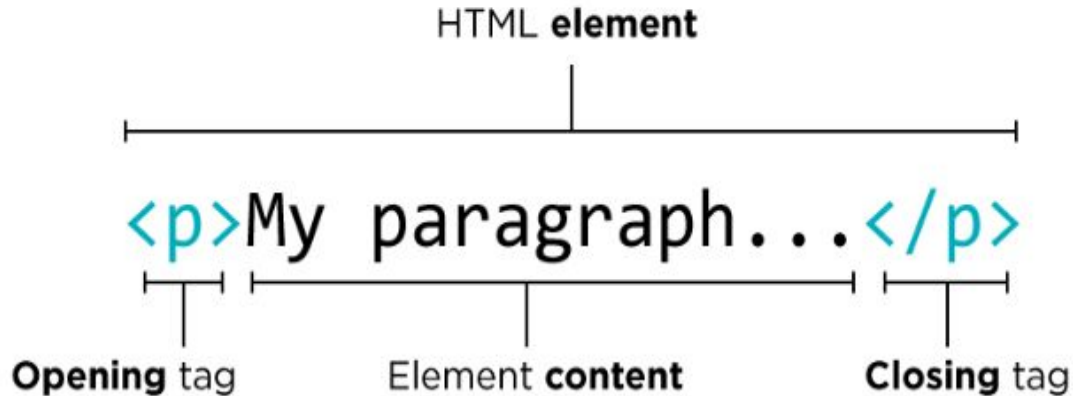|	
`<!DOCTYPE html>`	Tells the computer that this is a document written in HTML
`<html>`	Indicates the beginning of your code written in HTML
`<head>`	Contains information (sometimes called "metadata") about your web page
`<body>`	Contains all the main contents of your web page

Lesson 3 - Paragraph Tags

Paragraph Tags: <p> and </p>

HTML **element**

<p>My paragraph...</p>

Opening tag   Element **content**   **Closing** tag

Before <p> Tags

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>

  This is paragraph #1.
  This is paragraph #2.


</body>
</html>
```

Notice how without P tags both paragraphs are on the same line

This is paragraph #1. This is paragraph #2.

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>

<p>This is paragraph #1.</p>
<p>This is paragraph #2.</p>


</body>
</html>
```

Notice what happened after adding the opening <p> and closing </p> tags around the paragraphs.

This is paragraph #1.

This is paragraph #2.

HTML Code	Result

```
<!DOCTYPE html>
<html>
<body>

<h1>Heading 1</h1>
<h2>Heading 2</h2>
<h3>Heading 3</h3>
<h4>Heading 4</h4>
<h5>Heading 5</h5>
<h6>Heading 6</h6>

</body>
</html>
```

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Pair Programming

Pair Programming Video:

https://youtu.be/q7d_JtyCq1A