

HTML NOTES

1. The <!DOCTYPE html> Declaration

This tells the browser that the document is written in HTML5, the latest version of HTML. It's always the first line of an HTML document.

2. <html> Tag

This is the root element of the HTML document. All other tags go inside the <html> tag.

3. <head> Section

The <head> tag contains information about the web page that isn't displayed directly on the page.

Example: The <title> tag inside <head> sets the title of the page shown on the browser tab.

Code: <title>my first website</title>

4. <body> Section

The <body> tag contains all the visible content on the webpage (e.g., headings, paragraphs, images). Everything inside the <body> tag is displayed in the browser.

5. Headings (<h1> to <h5>)

HTML provides different levels of headings, from <h1> (the largest) to <h6> (the smallest). Headings are used to structure your content.

Example in your code:

```
<h1>this is an h1 heading</h1>
```

```
<h2>this is an h2 heading</h2>
```

```
<h3>this is an h3 heading</h3>
```

```
<h4>this is an h4 heading</h4>
```

```
<h5>this is an h5 heading</h5>
```

6.<hr> Tag

This creates a horizontal line on the page, useful for separating content visually. It doesn't need a closing tag.

7.
 Tag

This is a line break, which forces the text to start on a new line. It's useful when you don't want to start a new paragraph.

8. <pre> Tag

This stands for "preformatted text." The text inside the <pre> tag preserves spaces and line breaks exactly as they are written in the code. It's often used to display code snippets or text that requires exact formatting.

Example:

```
<pre>
```

```

Lorem ipsum dolor sit amet consectetur,
adipisicing elit. Autem cum quod aspernatur,
natus at beatae molestiae odio officia? Sapiente
sint omnis maxime ratione
quaerat eveniet nihil velit porro
corrupti dignissimos.
```

```
</pre>
```

9. Comments (<!-- -->)

Comments are not displayed on the webpage. They are used to leave notes in the code for developers.

Example in your code:

```
<!--these are comments-->
```

These are foundational HTML concepts that help structure content on any website. Headings and formatting tags improve readability and organization of content.