Understanding HTML

What is HTML?

HTML (HyperText Markup Language) is the most basic building block of the Web. It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behavior (JavaScript).

"Hypertext" refers to links that connect web pages to one another, either within a single website or between websites. Links are a fundamental aspect of the Web. By uploading content to the Internet and linking it to pages created by other people, you become an active participant in the World Wide Web.

- HTML is the standard markup language for creating Web pages. HTML uses "markup" to explain text, images, and other content for display in a Web browser.

- HTML stands for Hyper Text Markup Language

- HTML describes the structure of a Web page

- HTML consists of a series of elements

- HTML elements tell the browser how to display the content

- HTML elements are represented by tags

- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on

- Browsers do not display the HTML tags, but use them to render the content of the page.

Example:

```
<html>
<head>
<title>Page Title</title>
</head>
<body>
This is my first page. <b>This text is bold.</b>
</body>
</html>
```

Structure of HTML Document

An HTML Document is mainly divided into two parts:

- **HEAD**: This contains the information about the HTML document. For Example, Title of the page, version of HTML, Meta Data etc.

- **BODY**: This contains everything you want to display on the Web Page.

Let us now have a look on the basic structure of HTML. That is the code which is must for every webpage to have:

```
<!DOCTYPE html>

<html>

        <head>

                <title>


                </title>

        </head>



        <body>



        </body>

</html>
```

- The **`<!DOCTYPE html>`** declaration defines this document to be HTML5.

- The **`<html>`** element is the root element of an HTML page. The HTML document itself begins with `<html>` and ends with `</html>`.

- The **`<head>`** element contains Meta information about the document.

- The **`<title>`** element specifies a title for the document.

- The **`<body>`** element contains the visible page content. This visible part of the HTML document is between `<body>` and `</body>`.