

Introduction of HTML:-

HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages/ Websites.

It is develop by **Tim Berners-Lee** in 1993 (first version).

A basic HTML Page:

`<!DOCTYPE html>` → Specifies this is an HTML 5

`<html>` → root of an HTML Page

`<head>` → Contains page meta data

`<title>Prabin</title>` → Contains title

`</head>` → head tag close

`<body>`

`<h1>Web Page:</h1>` → Heading tag

`<p>This is my first web page.</p>` → Paragraph tag

`</body>` → Body tag close

`</html>`

Important Notes:

- I. Head and body tags are children of HTML tag.
- II. HTML is the parent of head and body tags.
- III. Most of the HTML elements have opening and closing tag with content in between opening and closing tags.
- IV. Some HTML tags have no content. These are called Empty elements. **For example
 tag.**
- V. We can either use .htm or .html extension.
- VI. You can use "Inspect Element" or "View page Source" option from chrome (Browser) to look into a website's Html code.
- VII. HTML is a case insensitive language. `<H1>` and `<h1>` tag are same.

HTML elements = Opening tags + content + Closing tag

Syntax of Comment in HTML

`<!-- HTML COMMENT -->`

Heading tag:

There is a 6 heading tag in HTML. They are

Tag	Output	Description
<code><h1></h1></code>	→ Heading 1	→ Largest heading tag
<code><h2></h2></code>	→ Heading 2	→ 2 nd Largest heading tag
<code><h3></h3></code>	→ Heading 3	→ 3 rd Largest heading tag
<code><h4></h4></code>	→ Heading 4	→ 4 th Largest heading tag
<code><h5></h5></code>	→ Heading 5	→ 5 th Largest heading tag
<code><h6></h6></code>	→ Heading 6	→ Smallest heading tag

Paragraph tag :

The tag which is use to add the paragraph.

<p> This is paragraph tag </p>

Text Formatting Element:

- I. **** - Bold text
- II. **** - Important text
- III. **<i>** - Italic text
- IV. **** - Italic text
- V. **<mark>** - Highlight Text
- VI. **<small>** - Small Text
- VII. **** - Deleted Text
- VIII. **<sub>** - Subscript text
- IX. **<sup>** - Superscript text

Practice Set:

1. Inspect your favorite website and change something which is displayed.
2. Go to one website and try to view the page source code and copy it and then paste it in code editor (eg. Sublime text , Vs code etc).
3. Write HTML code inside a text file. Does it work if you write it using notepad?