DOCUMENTATION ON HTML STRUCTURE AND TAGS

***HTML****:* HyperText Markup Language is the standard markup language used to interact with browser and to create web pages.

eg:



\*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 label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

* The **<!DOCTYPE html>** declaration defines that this document is an HTML5 document
* The **<html>** element is the root element of an HTML page
* The **<head>** element contains meta information about the HTML page
* The **<title>** element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
* The **<body>** element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
* The **<h1>** element defines a large heading
* The **<p>** element defines a paragraph

***HTML Element*:**

**1.**Combination of tags, attribute and content given inside the tag.

**2.**An HTML element is defined by a start tag, some content, and an end tag:

<tagname> Content goes here and so </tagname>

**3.**The HTML element is everything from the start tag to the end tag:

<h1>My First Heading</h1>

<p>My first paragraph.</p>

There are three type of elements:

1) BLOCK LEVEL ELEMENTS

eg: h1-h6 tags, paragraph tags etc...

2)INCLINE BLOCK ELEMENTS

eg: image tag, button tag etc...

3)INCLINE ELEMENTS

eg: formatting tags ( to highlight the perticular word)



* The <html> element is the root element and it defines the whole HTML document.
* It has a start tag <html> and an end tag </html>.
* Then, inside the <html> element there is a <body> element
* The <body> element defines the document's body.
* It has a start tag <body> and an end tag </body>.
* Then, inside the <body> element there are two other elements: <h1> and <p>
* The <h1> element defines a heading.
* It has a start tag <h1> and an end tag </h1>
* The <p> element defines a paragraph.
* It has a start tag <p> and an end tag </p>

**Note**:

1. The <!DOCTYPE> declaration represents the document type, and helps browsers to display web pages correctly.
2. It must only appear once, at the top of the page (before any HTML tags).
3. The <!DOCTYPE> declaration is not case sensitive.
4. HTML tags are not case sensitive: <P> means the same as <p>

***HTML Headings*:**

HTML headings are defined with the **<h1> to <h6>** tags.

\* <h1> defines the most important heading. <h6> defines the least important heading:

Ex:

<h1>This is heading 1</h1>

<h2>This is heading 2</h2>

<h3>This is heading 3</h3>