**HTML Structures and Tags**

**HTML :**

**HTML ( Hyper Text Mark Language ) is a standard** markup language to design the structure od a webpage. HTML is combination of HyperText and Markup Language . Hypertext Text defines the internal links between webpages, and Markup language defines the layout and presentation of text and media.

HTML Structure :

This structure must be followed to create any type of **HTML** document –

<!DOCTYPE html>

<html>

<head>

< title>page title</>

</head>

<body>

<h1>Webpage ‘s Heading</h1>

<p>content ( your first paragraph.).</p>

</body>

</html>

HTML TAGS:

**HTML tags**  are the fundamental elements of HTML used for defining the structure of the document. These are letters or words enclosed by angle brackets (<and>).

**HTML** is mainly used for how to display the content ,including formatting style ,and images.

There are generally two types of tags are there in HTML.

They are 1.paired Tags

2.Empty tags

Now we discuss about these two tags

1.**PAIRED Tags:-** These tags come in pair i.e. they have both opening (<>) and closed(</>)tags.

2.**Empty Tags:-** These tags are self closing tags. And do not require a closing tag.

* <!DOCTYPE html>:-

This statement is used for the browser using the which version of HTML. And the latest version of html is html-5

* <HEAD>:-Specifies information about the document.HTML <head>is a tag specifies as a metadata container.
* <**TITLE>:-**the body title .<title> is placed within the Specifies the concise and descriptive lable that appears in the browser’s title bar or tab when the webpage is opened.
* <**BODY>:-**

Specifies the body elements. The HTML <body>tag serves as the container for all visible content within a webpage.

* **HEADING TAG :-**Heading tags are used to define heading of documents. You can use different size for your headings .HTML also has six levels of headings ,which use the elements <h1>,<h2>,<h3>,<h4>,<h5>,and <h6>.while displaying any heading , the browser adds one line before and one line after that heading .

<!DOCTYPE html>

<html>

<head>

<title> Heading Example</title>

</head>

<h1> This is heading 1</h1>

<h2> This is heading2</h2>

<h3> This is heading3</h3>

<h4>This is reading4</h4>

</body>

</html>

* **PARAGRAPH TAGS:-**Paragraph tags are used to write the content of the document in paragraphs. These paragraph tags are starts with <p> and ends with </P>tags.

<!DOCTYPE>

<html>

</body>

<p> This is a paragraph.</p>

<P>This is a paragraph .</P>

<p> This is a paragraph.</p>

</body>

</html>

* **LINE BREAK TAGS:-**  Line break tags are generally used for break the text in the line where you want in the document. And the line break tag is starts with <br> and end with </br>tags.

<!DOCTYPE html>

<html>

<body>

<h1> The br element </h1>

<p> To force <br> line <br> in a text , use the br<br>element </P>

</body>

</html>

* **BOLD TAG:-** This bold tag is used in html for define the content of the document in bold format. And bold tag starts with <b>and end with </b>tags.

<!DOCTYPE html>

<html>

<body>

<h1> The b element </h1>

<P>This is normal text -<b> and this is bold text </b>.</p>.

</body>

</html>

* **ITALIC TAG :-** This italic tag used in html for the purpose of defining the content of document in italic format . And italic tag start with <i> and end with </i>tags.

<!DOCTYPE html>

<html>

<body>

<h1> The I element</h1>

<P><i> Lorem ipsum</i> is the most popular filler text in history .</p>

<P>The <i>RMS Titanic </i>, a luxury steamship, sank on April 15,1912 after striking an iceberg.</p>

</body>

</html>