HTML Tags :

HTML tags are keywords which defines that how web browser will format and display the content.

Html tags contain three main parts: opening tag , content and closing tag. But some tag are unclosed tags .

All HTML must be unclosed with <> these brackets.

**Html syntax:<tag>content</tag>**

Unclosed HTML tags:

Some HTML tags are not closed, for example

<br>: br stands for break line, it breaks the line of the code.

<hr>: hr stands for horizontal Rule, this tag is used to put a across the webpage.

<area>: area tag define the clickable areas or active areas inside the image-map which are associated with the hyperlinks.

<base>: base tag is used to specify a base URI or URL to use for all relative links contained within an HTML document.

<img>: image tag used to display image on the web page. HTML img tag is an empty tag that contains attributes only, closing tags are not used in HTML image element.

<input>: input tag is used to represent a form input control in HTML document. This form input control facilitate user to input data and communicate with a website or application.

<link>: link tag is used to represent a form input control in HTML document. This form input control facilitate user to input data and communicate with a website or application

<meta>: meta tag is used to represent the metadata about the HTML document. It specifies page description, keywords, copyright, language, author of the documents, etc.

HTML meta tags:

The <meta> tag defines metadata about an HTML document. Metadata is data (information) about data<meta> tags always go inside the <head> element, and are typically used to specify character set, page description, keywords, author of the document, and viewport settings

HTML text tags:

<p>: It represents a paragraph in an HTML document.

<h1>-<h6>: It defines headings for an HTML document from level 1 to level 6.

<strong>: strong tag is a phrase tag which is used to represent the important text of a document on the browser. The text within <strong> text has semantic importance for the search engines and emphasize the text with special intonation.

<abbr>: abbrevation tag is used to represent an acronym or abbreviation of a longer word or phrase, such as www, HTML, HTTP, etc. The content written between <abbr> tags renders with dotted underline in some browser.

<address>: address tag is used to specify the authorship information of the article or webpage. It can contain any type of information which is needed such as, URL, physical address, phone number, email, other links, etc.

<bdo>: bidirectional override which is used to overrides the current/default text direction. This tag sets the direction of content within it to render on browser from left to right or right to left

<blockquote>: blockquote tag is used to define a block of text which is quoted from another source. The Browser usually displays the content within <blockquote> tag as indented text.

<cite>: cite tag specifies a citation, it provides reference or title to a creative work, quoted content, books, websites, a research paper, a blog-spot, painting, etc

<q>: quote tag is used to put small quotation. To do so, write your text within <q>.............</q tag.

<code>: **code tag** is used to represent computer code. It is a phrase tag which defines a piece of computer code. By default, it is displayed in the browser's default monospace font (also known as fixed-width font),

<del>: del tag is used to represent the range of text that has been deleted/removed from the document,

<var>: It defines variable name used in mathematical or programming context

HTML list tags:

<ul>: It defines unordered list of items.

<ol>: It defines an ordered list of items.

<li>: It is used to represent items in list.

**<dl>: tag** defines the description list.

HTML Link Tags:

<a>: It is termed as anchor tag and it creates a hyperlink or link

<base>: This tag defines the base URL for all relative URL within the document

## HTML Image and Object Tags:

<img>: It is used to insert an image within an HTML document

<area>: area tag defines the clickable areas or active areas inside the image-map which are associated with the hyperlinks. If you click on those areas then it will perform some action such as open a new image, new URL, etc. This tag is always used with <map> element,

<map>: map tag is used with <area> tag to define a client-side image map,

<object>: object tag is used to embed multimedia files on webpage. The <object> tag can include multimedia files such as video, audio, image, PDF, Java Applets, or another page on your page.

## HTML Table Tags:

<Table>: It is used to present data in tabular form or to create a table within HTML document

<tr>: It defines the row cells in an HTML table

<td>: It is used to define cells of an HTML table which contains table data

<th>: It defines the head cell of an HTML table.

<tbody>: It represents the body content of an HTML table and used along with <thead> and <tfoot>.

<thead>: It defines the header of an HTML table. It is used along with <tbody> and <tfoot> tags.

<tfoot>: It defines the footer content of an HTML table.

<col>: It defines a column within a table which represent common properties of columns and used with the <colgroup> element.

## HTML Form Tags:

<form>:**form** is *a section of a document* which contains controls such as text fields, password fields, checkboxes, radio buttons, submit button, menus etc.

<input>: it defines an input field within an HTML form.

<textarea>: It is used to define multiple line input, such as comment, feedback, and review, etc.

<select>: It represents a control which provides a menu of options.

<option>: It is used to define options or items in a drop-down list.

<optgroup>: It is used to group the options of a drop-down list.,

<button>: It is used to represent a clickable button

<label>: It defines a text label for the input field of form.

## HTML Scripting Tags:

## The <script> <noscript> element can be used within <head> and <body> tags.

<Script>: **script tag** is used to specify client-side script such as JavaScript. It facilitate you to place a script within your HTML document.

<noscript>: **noscript tag** is used to define an alternate content for the users who have disabled scripting from the browser and want to access the web page.