***HTML DOCUMENTS***

All html documents must start with a document type declaration:<!DOCTYPE html>

The HTML document itself begins with <html>and ends with</html>

The visible part of the HTML document is between<body>and</body>

<!DOCTYPE html>

<html>

<body>

<h1>my first heading</h1>

<p>my first paragraph</p>

</body>

</html>

Output:-

My First Heading

My First Heading

The <!DOCTYPE>Declaration

The <DOCTYPE>declaration represents the document type, and helps browsers to display web pages correctly.

It must only appear once, at the page (before any HTML tags)

The<!DOCTYPE>declaration is not case sensitive:

The<!DOCTYPE>declaration for HTML5 is

**HTML Headings**

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

<!DOCTYPE html>

<html>

<body>

<h1>This is heading</h1>

<h2>This is heading</h2>

<h3> This is heading</h3>

<h4>This is heading</h4>

<h5>This is heading</h5>

<h6>This is heading</h6>

</body>

</html>

Output:-

This is heading

This is heading

This is heading

This is heading

This is heading

This is heading

**HTML Paragraphs**

<!DOCTYPE html>

<html>

<body>

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

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

</body>

</html>

Output:-

This is a paragraph.

This is another paragraph.

**HTML links**

HTML links are defined with the <a> tag.

<!DOCTYPE html>

<html>

<body>

<h2>HTML link</h2>

<p>HTML links are defined with a tag:</p>

<a href= <https://www.w3schools.com>>

This is a link</a>

</body>

</html>

1. < img src =img name.jpg”> 🡪add image
2. < img src ” “ height ”pixels or % ”width=”pixels or %
3. <font face ” ”font name” ”size” ”color” ”></font face>
4. <a href=”opening file”>link\_name</a>
5. <a href = “ “></a> or <a href=””></a>

List

* Ordered list or numbered list(or)
* Unordered list or bulleted list(ul)
* Description list or definition list(dl)

**Ordered list**

<!DOCTYPE html>

<html>

<head></head>

<body>

<ol>

<li>Aries</li>

<li>Bingo</li>

<li>Leo</li>

<li>Oracle<li>

</ol>

</body>

</html>

Output:-

1. Aries
2. Bingo
3. Leo
4. Oracle

**Unorder list**

<!DOCTYPE html>

<html>

<head>

</head>

<body>

<ul>

<li> Aries</li>

<li>bingo</li>

<li>Leo</li>

<li>Oracle</li>

</ul>

</body>

</html>

Output:-

* Aries
* Bingo
* Leo
* Oracle

**Definition list**

<!DOCTYPE html>

<html>

<head>

</head>

<body>

<dl>

<dt>Aries</dt>

<dd> -One of the 12 horoscope sign.</dd>

<dt>Bingo</dt>

<dd> -One of my evening snacks.</dd>

<dt>Leo</dt>

<dd> -It is also an one of the 12 horoscope sign.</dd>

<dt>Oracle</dt>

<dd>-It is multinational technology.</dd>

</body>

</html>

Output:-

Aries

-One of the 12 horoscope sign.

Bingo

-One of my evening snacks.

Leo

-It is also an one of the 12 horoscope sign.

Oracle

-It is multinational technology corporation.

**HTML tags**

<b> This is a physical tag which is used to make text is important.

<i>-This is a physical tag which is used to make text italic

<em> This is a logical tag which is used to display context in italic.

<mark> This tag is used to highlight text.

<u>This tag is used to umderline text written between it.

<tt> This tag is used to appear a text in tele type.[not supported in HTML 5]

<strike> This tag is used to draw a strike through on a section of text.

<sub> It display the content slightly above the normal line.

<del>This tag is used to displays the deleted content.

<ins>This tag display the content which is added.

<big>This tag is used to increase the font size by one convention unit.

<small>This tag is used to decrease the font size by one unit from base font size.

**Strong tag**

<!DOCTYPE html>

<html>

<head>

<title>formatting elements</title>

</head>

<body>

<h1> Explanation of formatting element<h1>

<p><strong> this is an Important content</strong>and this is nor mal content</p>

</body>

</html>

**Italic tag**

<!DOCTYPE html>

<html>

<head>

<title> formatting elements</title>

</head>

<body>

<h1>Explanation of italic formatting element</h1>

<p><em> This is an important content</em>which displayed in italic font.</p>

</body>

</html>

HTML nested list.

A list within another list is termed as nested list.If you want a bullet list inside a numbered list them such. Type of list will called as nested list.

<!DOCTYPE html>

<html>

<head>

<title>Nested list</title>

</head>

<body>

<p> list of Indian states with their capital</p>

<ol>

<li>Delhi

<ul>

<li>New Delhi</li>

</ul>

</li>

<li>Haryana

<ul>

<li> Chandigarh</li>

</ul>

</li>

<li>Gujarat

<ul>

<li>Gandhinagar<li>

</ul>

</li>

</ol>

</body>

</html>

Output:-

List of Indian states with their capital

1.Delhi

* NewDelhi

2.Haryana

* Chandigarh

3.Gujarat

* Gandhinaga

HTML phrase tag:

The HTML phrase tags are special purpose tags,which defines the structural meaning of a block of text or semantics of text following is the list of phrase tags,some of which we have already discussed in HTML formatting.

* Abbreviation tag:<abbr>
* Acronym tag:<acronym>
* Marked tag:<mark>
* Strong tag:<strong>
* Emphasized tag:<em>
* Definition tag:<dfn>
* Quoting tag:<block quote>
* Short quote tags:<q>
* Code tag:<code>
* Key board tag:<kbd>
* Address tag:<address>

HTML table:

HTML table tag is used to display data in tabular from (row\* column).There can be many columns in a row.

We can create a table to display data in tabular form,using <table> element , with the help of<tr>,<td>and<th>elements.

In each table, table row is defined by <tr> tag, table header is defined by <th>and table data is defined by <td> tags.

HTML Table Tags

<table> If defines a table.

<tr> If defines a row in a table.

<th> If defines a header cell in a table.

<td> If defines a cell in a table.

<caption> If defines a table caption.

<colgroup> If specifies a group of one or more columns in a table for formatting.

<col>It is used with<colgroup>element to specify column properties for formatting.

<t body> It is used to group the body content in a table.

<t head>It is used to group the header content in a table.

<t footer>It is used to group the footer content in a table>