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ABSTRACT

This is one of the subject from my personal notes series named "Coding-With-Arqam" that I am developing from the start of my professional development career.

Subject
HTML

HTML

--> Text Editors:

    -> Notepad, Sublime, etc

--> Tags:

    -> All HTML tags must enclosed within < > these brackets.

    -> Every tag in HTML perform different tasks.

    -> HTML 5 Tags:

        -> <article>: Used to define an independent piece of content in a document, that may be a blog, a magazine or a newspaper article.

        -> <aside>: It specifies that article is slightly related to the rest of the whole page.

        -> <audio>, <canvas>, <dialog>, <footer>, <header>, <mark>, <nav>, <progress>, <video>, <time>

        -> <datalist>: It provides auto complete feature for textfield.

        -> <details>: It specifies the additional information or controls required by user.

        -> <figure>: It defines a self-contained content like photos, diagrams etc.

        -> <menuitem>It defines a command that the user can invoke from a popup menu.

        -> <!DOCTYPE>:

            -> Declaration before the <html> tag.

            -> Used to inform the browser about the version of HTML used in the document.

            -> It is called as the document type declaration (DTD).

            -> Technically <!DOCTYPE > is not a tag/element, it just an instruction to the browser about the document type.

            -> It is a null element which does not contain the closing tag, and must not include any content within it.

            -> Syntax: <!DOCTYPE html>

    -> Abbr:

        -> Will show full form (as we written) on mouse hover.

        -> Example:

            -> <abbr title="Hyper Text Transfer protocol">HTTP</abbr>

    -> <applet> (Not supported in HTML5):

        -> HTML <applet> tag was used to embed the Java applet in an HTML document.

        -> This element has been deprecated in HTML 4.0 and instead of it we can use <object> and newly added element <embed>.

    -> <area>:

        -> Clickable areas or active areas inside the image-map which are associated with the hyperlinks.

        -> Image-map:

            -> Graphical image with active areas so that when user click on those area, it can link to different destinations.

    -> <article>

    -> <base>:

        -> Used to specify a base URI or URL to use for all relative links contained within an HTML document.

        -> It is similar to base url in angular etc. But here, other URLs will be attached automatically.

    -> <basefont>:

        -> Not Supported in HTML5

    -> <bdi>:

        -> Bidirectional Isolate Element

-> It is used to inform the browser to isolate the span of text which may be formatted in opposite directions than the surrounding text.

-> *<bdo>:*

-> *bidirectional override*

-> *Used to overrides the current/default text direction.*

-> *Syntax: <bdo dir=" "> Content......</bdo>*

-> *Example:*

-> *<bdo dir="rtl">arqam</bdo> // Output: maqra*

-> *<big>:*

-> *Not supported in HTML5*

-> *<blockquote>:*

-> *Used to define a block of text which is quoted from another source.*

-> *Example:*

-> *<blockquote cite="https://www.brainyquote.com/authors/erin_cummings"> <p> This is text </p>*

-> *This will show paragraph as in normal scenario. But Blockquote will just show the web ref.*

-> *<cite>:*

-> *Citation*

-> *Just to show that it is a reference text.*

-> *It will only make the text italic and change the style.*

-> *<code>:*

-> *Used to represent computer code.*

-> *<col> + <colgroup>:*

-> *Used to specify common column properties for each column within <colgroup> element in an HTML table.*

-> *The <col> tag is useful when it requires to apply common style rules for each column cell rather than applying individually.*

-> *Example:*

-> *<colgroup>*

<col span="2" style="background-color: #7fffd4">

<col span="2" style="background-color: #98f5ff">

</colgroup>

-> *This will apply first color to the first two columns and second on 3rd and 4th column.*

-> *Description List*

-> *<dd>:*

-> *Definition List.*

-> *Defines the description list.*

-> *<dt>:*

-> *Defines data term.*

-> *<dd>:*

-> *Defines data definition (description).*

-> *<del>:*

-> *Mark a line on the show to show that the word is deleted.*

-> *<dfn>:*

-> *Also called as HTML definition tag.*

->

-> *<dialog>:*

-> *Used to create a new popup dialog on a web page.*

->

-> *<dir>:*

-> *Not Supported in HTML5*

-> *<em>:*

    -> Used to stress emphasis the particular text within a sentence or phrase.

    -> It gives semantic meaning to the text contained within it and renders in the italic form on the browser.

-> *<embed>:*

    -> Used to embed an external document in an HTML file which can be a third party application, multimedia, plugin(interactive content), etc.

-> *<fieldset>:*

    -> Used to group the logically related fields/labels contained within an HTML form.

    -> The use of this tag is optional while creating an HTML form

    -> But using <filedset>, it is easy to understand the purpose of grouped elements of form.

-> *<iframe>:*

    -> An HTML iframe is defined with the <iframe> tag.

    -> Example:

        -> <iframe src="https://www.javatpoint.com/" height="300" width="400"></iframe>

-> *<ins>:*

    -> Used to represent the newly added text in an HTML document.

-> *<link>:*

    -> Used to specify the relationship between the current document and external source.

    -> Commonly used to link the external Stylesheet for the current document.

-> *<marquee>:*

    -> Non-standard HTML element which is used to scroll a image or text horizontally or vertically.

-> *<object>:*

    -> Used to embed multimedia files on webpage.

    -> Can include multimedia files such as video, audio, image, PDF, Java Applets, or another page on your page.

    -> Example:

        -> <object height="250" width="500" data="https://www.youtube.com/embed/O5hShUO6wxs"></object>

-> *<template>:*

    -> Used to hold the client-side content that will not render at the time of page load, but it can be instantiated during runtime using JavaScript.

-> *<summary>:*

    -> Used with <details> tag.

    -> It is used as a summary, caption or legend for the content of a <details> element.

    -> It must have a closing tag.

--> *Elements:*

    -> Block-level:

        -> <address>, <article>, <aside>, <blockquote>, <canvas>, <dd>, <div>, <dl>, <dt>,

            <fieldset>, <figcaption>, <figure>, <footer>, <form>, <h1>-<h6>, <header>, <hr>, <li>,

            <main>, <nav>, <noscript>, <ol>, <output>, <p>, <pre>, <section>, <table>, <tfoot>, <ul> and <video>.

    ->Inline:

        -> <a>, <abbr>, <acronym>, <b>, <bdo>, <big>, <br>, <button>, <cite>, <code>, <dfn>, <em>, <i>,

            <img>, <input>, <kbd>, <label>, <map>, <object>, <q>, <samp>, <script>, <select>, <small>, <span>,

            <strong>, <sub>, <sup>, <textarea>, <time>, <tt>, <var>.

--> *Formatting:*

    -> <b>, <strong>, <i>, <em>, <mark>, <u>, <tt>, <strike>, <sup>, <sub>, <del>, <ins>, <big>, <small>

--> *Phrase tags:*

    -> <abbr>, etc.

--> thead + tbody:

    -> Table head

    -> Tavle Body

--> Lists:

    -> Ordered List or Numbered List (ol)

    -> Unordered List or Bulleted List (ul)

    -> Description List or Definition List (dl)

--> Form:

    -> <form action="server url" method="get|post"> </form>