**28/7/23**

**HTML Attributes:**

An Attribute is a key value pair that enhances the capability of a html element.

ex:

<html>

<head>

</head>

<body>

<input type="text" placeholder="enter username">

</body>

</html>

We can categorize attributes in 3 types.

1. **element specific :** If an attribute is created / can be used specifically

to an element, then it is known as element specific attribute.

<html>

<head>

<meta http-equiv="refresh" content="2">

</head>

<body>

</body>

</html>

From the above, meta tag has http-equiv and content as its own attributes.

2. **global attributes:**

These attributes can be applied / used with any html element.

reference list: https://www.w3schools.com/tags/ref\_standardattributes.asp

<html>

<head>

</head>

<body>

<h1 style="text-align: center">DigitalLync Technologies</h1>

<h2 style="text-align: center; color:grey">Hitech City Main Road, Hyderabad</h2>

<h3 style="text-align: center;color: darkgray">Telangana, India</h3>

<p style="text-align: center;font-family:cursive">You can learn trending techs at Digital Lync</p>

</body>

</html>

3. **event attributes:**

Any action is considered as an event and whenever an event occurs, there

should be an event handler to handle the event.

Ref: **https://www.w3schools.com/tags/ref\_eventattributes.asp**

Problem Statement:

Disable the user in pasting the content on a text field.

<html>

<head>

</head>

<body>

<input onpaste="return false" oncopy="return false" type="text" placeholder="enter account number">

</body>

</html>

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<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>hello</title>

</head>

<body>

<h1> hii</h1>

<h2> hii</h2>

<h3> hii</h3>

<h4> hii</h4>

<h5> hii</h5>

<h6> hii</h6>

<h7> hii</h7>

<h8> hii</h8>

<h9> hii</h9>

<h10> hii</h10>

</body>

</html>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<ul type="square">

<li>hello The Marquee scrollamount attribute in HTML is used to set the amount of scrolling at each interval in pixels. The default speed of the marquee value is 6. Syntax: This attribute is depreciated from HTML 5.</li>

<li>how r u</li><li>r u fine</li><li>how old r u</li>

<li>do i know</li>

</ul>

</body>

</html

2.**global attributes:**

the attributes that can be applied / used with any html element

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<h1 style="color:green"> hello</h1>

</body>

</html>

3.**event attributes:**

an action is considered as an event and whenever an event occurs ,

there should be an event handler to handle that event.

code :

<!--pb statement:

disable the user in pasting the content in text field.

-->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<input onpaste="return true" type="textarea" placeholder="enter text">

</body>

</html>

**html tags:**

1.**head tag:**

it is an first element of the html document.it collects of metadata for the document.

the html head tag <head></head> element provides general information about the document ,

includes its title(<title></title>) and links to its styles (external css links) and scripts ( js links).

code:-1

<!DOCTYPE html>

<html lang="en">

<head><!--it is the first tag in html doc-->

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title><!--title of web page-->

<style>.......</style><!--internal css-->

<script>......</script><!--internal js-->

</head>

<body>

</body>

</html>

code:-2

<!DOCTYPE html>

<html lang="en">

<head><!--it is the first tag in html doc-->

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title><!--title of web page-->

<link rel="stylesheet" href="address of file / name of file">

<!--it is used to import the external css file into html document-->

<link rel="script" href="address of file / name of file">

<!--it is used to import the external javascript file into html document-->

</head>

<body>

</body>

</html>

2.**link tag** :-

the html link element <link> that specify the relation between the current and document and an external document .

code:

<!DOCTYPE html>

<html lang="en">

<head><!--it is the first tag in html doc-->

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title><!--title of web page-->

<link rel="stylesheet" href="index.css">

<!--it is used to import the external css file into html document-->

<link rel="script" href="address of file / name of file">

<!--it is used to import the external javascript file into html document-->

</head>

<body>

</body>

</html>

**3.Address tag:**

this tag is used to provide the address in an html like address,phone numbers,emails..etc

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<address><strong>contact us:</strong><br>venkat<br>narasingolu<br>Venkat@gmail.com</address>

</body>

</html>

**4 paragraph tag:**

this tag helps to write a paragraphin a html page,it is denoted by"<p>...</p>".

Syntax:<p> content </p>

CODE:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<p>this is a class wuyvdfgufhijtrfkpe derwagbhijwqokl[QWEFGBR FBGUHERIJOKGLB Verb tenses are hard-working elements of the English language, and we use them every day when speaking, writing and reading. But sometimes, understanding exactly how they work can</p>

</body>

</html>

**5.break tag:**

this tag helps to break the sentence in a line / break to form a new.

Syntax:<p>some <br> content </p>

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<p>this is a class wuyvdfgufhijtrfkpe derwagbhijwqokl[QWEFGBR FBGUHERIJOKGLB <br>Verb tenses are hard-working<br> elements of the English language, and we use them every day when speaking, writing and reading. But sometimes, understanding exactly how they work can</p>

</body>

</html>

6.**strong tag:**

this tag help to bold the content in an html page.

syntax:

<strong>content...</strong>

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<p>this is a <strong>class</strong> wuyvdfgufhijtrfkpe derwagbhijwqokl[QWEFGBR FBGUHERIJOKGLB </p>

</body>

</html>

**7.italic tag:**

this tag help to change the content into ITALIC style in html page.

syntax:

<i>content....</i>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<p>this is a <i>class</i> wuyvdfgufhijtrfkpe derwagbhijwqokl[QWEFGBR FBGUHERIJOKGLB </p>

<i>hello</i>

</body>

</html>

**8.marquee tag:**

this tag helps to scroll the content in a html page.

syntax:

<marquee>content...</marquee>

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<marquee><p>this is a <i>class</i> wuyvdfgufhijtrfkpe derwagbhijwqokl[QWEFGBR FBGUHERIJOKGLB </p></marquee>

<marquee direction="right" x>hello</marquee>

</body>

</html>

**9.line tag:**

this tag helps to define line .

syntax:

<li>content </li>

**10.list tags:**

this can be divided into 2 types.

**1)ordered list**

this tag help to give certain sequence of list items in a list by denoting numbers/alphabetes/numeric numbers.

syntax :

<ol>

<li>content</li>

<li>content</li>

</ol>

code:<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<ol>

<li>hello The Marquee scrollamount attribute in HTML is used to set the amount of scrolling at each interval in pixels. The default speed of the marquee value is 6. Syntax: This attribute is depreciated from HTML 5.</li>

<li>how r u</li><li>r u fine</li><li>how old r u</li>

<li>do i know</li>

</ol>

</body>

</html>

code: 2

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<ol type="a">

<li>hello The Marquee scrollamount attribute in HTML is used to set the amount of scrolling at each interval in pixels. The default speed of the marquee value is 6. Syntax: This attribute is depreciated from HTML 5.</li>

<li>how r u</li><li>r u fine</li><li>how old r u</li>

<li>do i know</li>

</ol>

</body>

</html>

note:in ol-tag type denotes the type of sequence

**2)unordered list:**

this tag help to give certain sequence of list items in a list by denoting symbols like fullstop,star..etc.

syntax :

<ul>

<li>content</li>

<li>content</li>

</ul>

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<ul>

<li>hello The Marquee scrollamount attribute in HTML is used to set the amount of scrolling at each interval in pixels. The default speed of the marquee value is 6. Syntax: This attribute is depreciated from HTML 5.</li>

<li>how r u</li><li>r u fine</li><li>how old r u</li>

<li>do i know</li>

</ul>

</body>

</html>

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**11) em tag:**

it is an emphasis tag.

syntax:<em>content.....</em>

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<p>bhao<em>hello</em>ifojtwhglfa'</p>

</body>

</html>

**12)blackquote:**

it's a quote tag ,it denotes for long quote.

syntax:

<blackquote cite: url> content</blackquote>

code:

<!DOCTYPE html>

<html>

<body>

<p>Here is a quote from WWF's website:</p>

<blockquote cite="http://www.worldwildlife.org/who/index.html">

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization,

WWF works in 100 countries and is supported by 1.2 million members in the United States and

close to 5 million globally.

</blockquote>

</body>

</html>

**13) a tag:**

it is an anchor tag ,which denotes for short quote.

code:

<!DOCTYPE html>

<html>

<body>

<p>Here is a quote from WWF's website:</p>

<a cite="https://images.unsplash.com/photo-1575936123452-b67c3203c357?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8Mnx8aW1hZ2V8ZW58MHx8MHx8fDA%3D&w=1000&q=80">

it is a flower.

</a>

</body>

</html>

**14)abbr:**

itr is an abbrivation tag , which helps to denote abbrivations.

syntax:

<abbr title="full form of abbrivation>abbrivation</abbr>

code:

<!DOCTYPE html>

<html>

<body>

<abbr title="woirld health orgasnization">who</abbr>

</body>

</html>

**15)sub:**

it is used to denote base of an integer.

syntax:

<sub>base integer</sub>

code:

<!DOCTYPE html>

<html>

<body>

<p>100<sub>2</sub></p>

</body>

</html>

**16)sup:**

it is used to denote power of an integer.

syntax:<sup>power integer</sup>

code:

<!DOCTYPE html>

<html>

<body>

<p>125<sup>2</sup></p>

</body>

</html>

**17)&nbsp**

it is an non-break space point , it helps to denotes the space between the words.

syntax:

<p>content-word &nbsp content-word</p>

code:

<!DOCTYPE html>

<html>

<body>

<p>hellohowr u </p><!--before &nbsp-->

<p>hello&nbsphow&nbspr u </p><!--after &nbsp-->

</body>

</html>

**18)div:**

div is used to divide the particular code of the selected item ,and make it one set of code.

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<div>

<input type="text" placeholder="enter username">

<input type="password" placeholder="enter password">

<button>submit</button>

</div>

<div>

<input type="text" placeholder="enter username">

<input type="password" placeholder="enter password">

<button>submit</button>

</div>

<div>

<input type="text" placeholder="enter username">

<input type="password" placeholder="enter password">

<button>submit</button>

</div>

</body>

</html>

**19)section:**

section is used to make the certain elements in a one section of code conetent.

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<section>

<h2>WWF History</h2><p>The World Wide Fund for Nature (WWF) is an international organization working on issues regarding the conservation, research and restoration of the environment, formerly named the World Wildlife Fund. WWF was founded in 1961.</p>

<section>

<h2>WWF History</h2>

<p>The World Wide Fund for Nature (WWF) is an international organization working on issues regarding the conservation, research and restoration of the environment, formerly named the World Wildlife Fund. WWF was founded in 1961.</p></section>

</section>

</body>

</html>

**20)span:**

span is inline element,which helps to make a certain elements in one group.

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<span>

<input type="text" placeholder="enter username">

<input type="password" placeholder="enter password">

<button>submit</button>

<h2>WWF History</h2>

<p>The World Wide Fund for Nature (WWF) is an international organization working on issues regarding the conservation, research and restoration of the environment, formerly named the World Wildlife Fund. WWF was founded in 1961.</p></section>

</span>

</body>

</html>

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**21)img tag:**

this tag helps to define / show image on ui.

syntax:<img src:"image addresss/ image url" alt="text" >

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<img src="image1.jpeg" alt="image is not avaliable">

</body>

</html>

-->here, src shows the path of the file

alt shows the alternate description about the image ,when image is not avaliable.

**22)video tag:**

this tag helps to display some videos/giffy in the ui.

syntax: <video src="address" type="filename/filetype"></video>

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<video width="320" height="240" controls>

<source src="https://youtu.be/25zx-AIEvVo" type="video/mp4">

</video>

</html>

---------------------------------------------------------------------------------------------------------

**CSS:-**

css stands for cascading style sheet.

-> it helps to set some alignments to elements/tags in a certain postion in ui design.

"style" tag helps to write css in html page.

-->how css calls into html page ?

css can call into html by 3 types:

1)inner/inline css

2)internal css

3)external css

**1) inline css:**

the css that can call along with the html tag /html element.

example:

<h1 style="color:yellow font:italic">hello</h1>

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<h1 style="color:#61df8b8c;text-align:center" >hello</h1>

<img style="width:30%; height:30%SS img-postion:center; padding-left:137px" src="image1.jpeg" alt="image is not avaliable">

</body>

</html>

**2)internal css:**

the css that can call inside the head tag/body tag.

code:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<style>

h1{

color:aquamarine;

font-family:sans-serif;

text-align: right;

}

</style>

</head>

<body>

<h1 >hello</h1>

</body>

</html>