Module 3) HTML

* Are the HTML tags and elements the same thing ?

Ans:-html tags are used blocks of the html page.html elements that are used to in html page

* What are tags and attributes in HTML ?

Ans:-HTML tags are the starting and ending parts of an html element.html attributes these are additional information about elements. Attributes usually come in name/value paris like:name=value

* What are void elements in HTML ?With Example

Ans:- Void elements is element in html that are cannot have any child nodes

<inuput type=”text”></input>is invalid html

* What are HTML Entities? With Example

Ans:-html entity is begins with (&) and semicolon (;)

<html>

<head>

<title>Entity</title>

</html>

</title>

</head>

<body>

<h1>html Entity example</h1>

<h2>the copyright sign:&copy;</h2>

</body>

</html>

* What are different types of lists in HTML? With Example.

Ans:- Ordered list (ol) , Unordered list (ul)

* Ordered list example.

<html>

<body>

<h3>Ordered list</h3>

<ol>

<li>Milk</li>

<li>Tea</li>

<li>Coffee</li>

</ol>

</body>

</html>

* Unordered list (ul)

<html>

<body>

<h3> Unordered list</h3>

<ul>

<li>Milk</li>

<li>Tea</li>

<li>Coffee</li>

</ul>

</body>

</html>

* What is the ‘class’ attribute in HTML ?With Example.

Ans:-class attribute a one or more class names for a element. Multiple html elements can share the same class

<html>

<head>

<title>A class attribute</title>

<style>

h3.intro {

color: green;

}

</style>

</head>

<body>

<h3 class="intro">A class attribute</h3>

<p>A paragraph.</p>

</body>

</html>

* What is the difference between the ‘id’ attribute and the ‘class’ attribute of HTML elements? With Example.

Ans:- Class name can be used by multiple HTML elements.ID name only used by one HTML element within page.

* ID example

<html>

<head>

<title>id example</title>

<style>

#myHeader {

background-color: aqua;

text-align: center;

}

</style>

</head>

<body>

<h3>the id attribute</h3>

<p>use to style element with the id myHeader</p>

<h1 id="myHeader">myHeader</h1>

</body>

</html>

* Class Example.

<html>

<head>

<title>Class example</title>

<style>

.city {

background-color: aqua;

text-align: center;

}

</style>

</head>

<body>

<div class="city">

<h3>Rajkot</h3>

</div>

<div class="city">

<h3>Morbi</h3>

</div>

<div class="city">

<h3>Wankaner</h3>

</div>

</body>

</html>

* What are the various formatting tags in HTML ?

Ans:-

<i> iltalic

<em>Emphasized

<del>Deleted

<sub>Subscript

<sup>Superscript

<b>Bold text

* How can we club two or more rows or columns into a single row or column in an HTML table? With Example
* Example of row span

<html>

<head>

<title>Document</title>

<style>

table {

border-color: brown;

width: 20%;

text-align: center;

}

</style>

</head>

<body>

<table border="1">

<thead>

<caption>Rowspan</caption>

<tr>

<th rowspan="2">Rowspan</th>

<th>jay</th>

<th>hardik</th>

<th>suhani</th>

</tr>

<tr>

<td>John</td>

<td>Roy</td>

<td>Tom</td>

</tr>

</thead>

</table>

</body>

</html>

* Example colspan

<html>

<head>

<title>colspan</title>

<style>

table {

border-color: brown;

width: 20%;

text-align: center;

}

</style>

</style>

</head>

<body>

<table class="table" border="1">

<caption>colspan</caption>

<tr>

<th colspan="2">Lauson Hen</th>

<th>Peel</th>

<th>Motika</th>

</tr>

<td>Liu</td>

<td>Axelrod</td>

<td>Hoffman</td>

<td>Alex</td>

</table>

</body>

</html>

* What is the difference between a block-level element and an inline element

Ans:-Block level element is always start from a new line.

And inline elements never start from a new line

* How to create a hyperlink in HTML ? With Example.

Ans:-

* Example

<html>

<head>

<title>Hyperlink</title>

</head>

<body>

<a href="https://www.w3schools.com/">Click To The Link</a>

</body>

</html>

* What is the use of an iframe tag ? With Example

Ans:- iframe used the most common use to a load content another site within the page.

* Example.

<html>

<head>

<title>iframe</title>

</head>

<body>

<h3>iframe element</h3>

<iframe src="https://www.w3schools.com"></iframe>

</body>

</html>

* What is the use of a span tag? Explain with example

Ans:- Span tag use of generic inline container element.use to styling for text and color text without creating a new line of content.

* Example.

<html>

<head>

<title>span tag</title>

</head>

<body>

<span style="color:aqua">The</span>span element</span>

</body>

</html>

* How to insert a picture into a background image of a web page? With Example.

Ans:-Background Image Example

* Example

<html>

<head>

<title>Document</title>

<style>

body {

background-image: url("C:\Users\ADMIN\Pictures/pexels-pixabay-248526.jpg");

background-color: aqua;

}

</style>

</head>

<body>

<h3>Lorem ipsum dolor sit amet consectetur adipisicing elit. Delectus, voluptates</h3>

</body>

</html>

* How are active links different from normal links?

Ans:-Normal link shows the (unvisited link) if you want to create a link to go to

<https://www.w3schools.com> the default color is blue color and underline but you can apply your own custom styling according to the application need.

Active link you left or right-click any one of the links visited or unvisited it will run into red line.active link custom styling using CSS: active selector in the above output,notice the active link on right-click of the link.

* What are the different tags to separate sections of text?

Ans:- <br> tag used to the separate to a break to the new line .

<p> tag used to write a paragraph of text.

<quote>tag is used to the define quote sections.

* What is SVG?

Ans:-SVG stands for scalable vector Graphics svg is used to define graphics for the web.

* What is difference between HTML and XHTML?

Ans:-

|  |  |
| --- | --- |
| HTML | XHTML |
| Hypertext Markup Language | Extensible Hypertext Markup Language |
| In 1987 Tim Berners-lee proposed | In 2000 the world wide web consortium recommended it |
| .htm , .html | .htm,.xht,.xml,.xhtml |
| Tags are not case-sensitive | Only lowercase tags are allowed |

* What are logical and physical tags in HTML

Ans:-Logical tag are used in html to display the text according to the logical styles.

<q> Defines short quotation

<code>Defines computer code text

physical tags are used in html to provide actual physical formatting to the text.

<b> Defines bold text.

<big>Defines big text

<i>Defines italic text