## MODULE: 1 (HTML)

## Are the HTML tags and elements the same thing?

## ->No html tags and html element both are different

## ->Html tag start with < and end with >

## ->Example <br> <body>

## ->Html Elements is whatever written into the html tags are called html element .

## ->Example <p>hello</p> <h1>This is heading</h1>

## What are tags and attributes in HTML?

## ->Html tag start with < and end with >

## ->Example <br> <body>

## ->Attributes Provides Additional Information about an element and attribute specify in start tag

## ->Example - <table width=”100”>

## What are void elements in HTML?

## Void element are those which does not contain any element and also void element does not have closing tag

## Exapmle of void tag <br> <img> <meta> <param> <embedded>

## What are Different type of Entity

## ->If you use the less than (<) or greater than (>) signs in your text, the browser might mix them with tags.

## ->An HTML entity is a piece of text ("string") that begins with an ampersand ( & ) and ends with a semicolon ( ; ) .

## Character entities are used to display reserved characters in HTML

## Example ->&name &#number;

## What are different types of lists in HTML?

## There are three types of list

## 1 Ordered list <ol>

## ->2 Unordered list <ul>

## ->Description list <dt>

## What is the ‘class’ attribute in HTML?

## ->The class attribute is often used to point to a class name in a style sheet. It can also be used by a JavaScript to access and manipulate elements with the specific class name.

## ->The class attribute specifies one or more class names for an element. The class attribute is mostly used to point to a class in a style sheet. However, it can also be used by a JavaScript (via the HTML DOM) to make changes to HTML elements with a specified class.

## Example

## -><div class="city">   <h2>Gandhinagar</h2>   <p>Gandhinagar is the capital of Gujrat.</p> </div>

## What is the difference between the ‘id’ attribute and the ‘class’ attribute of HTML elements?

## ->The difference between an ID and a class is that an ID is only used to identify one single element in our HTML. IDs are only used when one element on the page should have a particular style applied to it. However, a class can be used to identify more than one HTML element.

## id vs class.png

## What are the various formatting tags in HTML?

## There are so many formatting rags are there in html

|  |  |
| --- | --- |
| Tag | Description |
| [<b>](https://www.w3schools.com/tags/tag_b.asp) | Defines bold text |
| [<em>](https://www.w3schools.com/tags/tag_em.asp) | Defines emphasized text |
| [<i>](https://www.w3schools.com/tags/tag_i.asp) | Defines a part of text in an alternate voice or mood |
| [<small>](https://www.w3schools.com/tags/tag_small.asp) | Defines smaller text |
| [<strong>](https://www.w3schools.com/tags/tag_strong.asp) | Defines important text |
| [<sub>](https://www.w3schools.com/tags/tag_sub.asp) | Defines subscripted text |
| [<sup>](https://www.w3schools.com/tags/tag_sup.asp) | Defines superscripted text |
| [<ins>](https://www.w3schools.com/tags/tag_ins.asp) | Defines inserted text |
| [<del>](https://www.w3schools.com/tags/tag_del.asp) | Defines deleted text |
| [<mark>](https://www.w3schools.com/tags/tag_mark.asp) | Defines marked/highlighted text |

## formating tags.png

## How is Cell Padding different from Cell Spacing?

## Cell padding basically defines the space present between a table cell's border and the content

## present in it. Cell spacing basically defines the space present between individual adjacent cells.

## How can we club two or more rows or columns into a single row or column in an HTML table?

## We can merge two or more table cells in a column using the colspan attribute in a <td> HTML tag (table data). To merge two or more row cells, use the rowspan attribute

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

## Block Element takes up the full width available and has line break before and after it

## block.png

## How to create a Hyperlink in HTML?

## To make a hyperlink in an HTML page, use the <a> and </a> tags, which are the tags used to define the links. The <a> tag indicates where the hyperlink starts and the </a> tag indicates where it ends. Whatever text gets added inside these tags, will work as a hyperlink. Add the URL for the link in the <a href=” ”>.

## What is the use of an iframe tag?

## The <iframe> tag specifies an inline frame. An inline frame is used to embed another document within the current HTML document.

## <iframe src="/server.php" width="100%" height="300"> </iframe>

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

## The <span> tag is an inline container used to mark up a part of a text, or a part of a document. The <span> tag is easily styled by CSS or manipulated with JavaScript using the class or id attribute. The <span> tag is much like the <div> element, but <div> is a block-level element and <span> is an inline element.

## How to insert a picture into a background image of a web page?

## <body background = "path" > </body>

## To set the background image of a webpage, use the CSS style. Under the CSS <style> tag, add the property background-image. The property sets a graphic such as jpg, png, svg, gif, etc. HTML5 do not support the <body> background attribute, so CSS is used to change set background image

## How are active links different from normal links?

## Some browsers recognize an active link when the mouse cursor is placed over that link; others recognize active links when the link has the focus. Those that don't have a mouse cursor over that link is considered a normal link. Some browser recognize active links when the mouse cursor is placed over that link.

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

## There are three tags that can be used to separate the texts:

## <br> tag – Usually <br> tag is used to separate the line of text. It breaks the current line and conveys the flow to the next line.

## <p> tag – This contains the text in the form of a new paragraph.

## <blockquote> tag – It is used to define a large quoted section

## What is SVG?

## SVG stands for Scalable Vector Graphics.

## SVG defines vector-based graphics in XML format.

## What is difference between HTML and XHTML?

## HTML is SGML-based while XHTML is XML-based. They are like two sides of the same coin. XHTML was derived from HTML to conform to XML standards. Hence XHTML is strict when compared to HTML and does not allow user to get away with lapses in coding and structure.

|  |  |
| --- | --- |
| HTML | XHTML |
| All content can be included in the body element | All contents must be put in blocks |
| Attribute values are not significant in HTML | Attribute values are important in XHTML |
| There is no hard rule on the structure of the elements | The structure of the elements should be followed |

## What are logical and physical tags in HTML?

## Logical tags are used to provide information by giving the special importance to the text. For instance, <em> tag is used to emphasize the text by representing it in italic format. Physical tags are used to style the content only. For instance, <i> is used to display the text in italic format

## Physical Tags are used to indicate that how specific characters are to be formatted or indicated using HTML tags. Any physical style tag may contain any item allowed in text, including conventional text, images, line breaks, etc

## Example <b> <u> <I> <tt>