

Web Designing Assignment

Term-1

Module (HTML) -1

- Are the HTML tags and elements the same thing?
 - Technically, an HTML element is the collection of start tag, its attributes, an end tag and everything in between. On the other hand an HTML tag either opening or closing is used to mark the start or end of an element.
- What are tags and attributes in HTML?
 - All HTML elements can have attributes. Attributes provide additional information about elements. Attributes are always specified in the start tag. Attributes usually come in name/value pairs like: name="value".
- What are void elements in HTML?
 - Most of the HTML elements are surrounded by start and end tags to specify the starting and end of the element.

There is a special group of elements that only have start tags and does not contain any content within it, these elements are called void elements. Void elements doesn't have ending tags and can only have attributes but do not contain any kind of content. These elements can have backslash before ending of start tag but that is completely optional. Example of such elements are
, <hr>, , <input>, <link>, <source> etc.
- What are HTML Entities?
 - Some characters are reserved in HTML. If you use the less than (<) or greater than (>) signs in your text, the browser might mix them with tags. Character entities are used to display reserved characters in HTML.
- What are different types of lists in HTML?
 - HTML lists allow web developers to group a set of related items in lists. An unordered list starts with the tag. Each list item starts with the tag.
- What is the 'class' attribute in HTML?
 - The class attribute is often used to point to a class name in a style sheet.

we have three <div> elements with a class attribute with the value of "my". All of the three <div> elements will be styled equally according to the .my style definition in the head section.

- What is the difference between the 'id' attribute and the 'class' attribute of HTML elements?
 - Difference between id and class attribute: The only difference between them is that "id" is unique in a page and can only apply to at most one element, while "class" selector can apply to multiple elements.
- What are the various formatting tags in HTML?
 - Formatting elements were designed to display special types of text:
 - - Bold text, - Deleted text
- How is Cell Padding different from Cell Spacing?
 - Cellpadding basically defines the space present between a table cell's border and the content present in it. Cellspacing 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?
 - You 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 elements always start from a new line. Inline elements never start from a new line. Block elements cover space from left to right as far as it can go. Inline elements only cover the space as bounded by the tags in the HTML element.
- How to create a Hyperlink in HTML?
 - To make a hyperlink in an HTML page, use the <a> and tags, which are the tags used to define the links. The <a> tag indicates where the hyperlink starts and the 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 ".
- 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.
- What is the use of a span tag? Explain with example?
 - The tag is an inline container used to mark up a part of a text, or a part of a document. The tag is much like the <div> element, but <div> is a block-level element and is an inline element.

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<html>
  <body>
    <h1>span</h1>
    <p> This is <span style="color:blue;">html</span> page.</p>
  </body>
</html>

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- How to insert a picture into a background image of a web page?
 - 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?
 -
 tag – Usually
 tag is used to separate the line of text. It breaks the current line and conveys the flow to the next line.
- What is SVG?
 - SVG stands for Scalable Vector Graphics, SVG is used to define vector-based graphics for the Web, SVG defines the graphics in XML format, Every element and every attribute in SVG files can be animated, SVG is a W3C recommendation, SVG integrates with other W3C standards such as the DOM and XSL.
- 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.
- What are logical and physical tags in HTML?
 - Logical tags describe the behaviour, nature of content for the text enclosed inside the tag. They represent the function of text on the page. Physical tags are used to decide the appearance of the text and do not provide any information about the text.