Assignment

Module 1(HTML)

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- Are the HTML tags and elements the same thing?
  HTML tags are used to hold the HTML element. HTML element holds the content. HTML attributes are used to describe the characteristic of an HTML element in detail. Whatever written within a HTML tag are HTML elements.

- What are tags and attributes in HTML?
  A tag is a way of representing an HTML element in the program, while an attribute is a way of describing the characteristics of an HTML element.

- What are void elements in HTML?
  A void element is an element whose content model never allows it to have contents under any circumstances. Void elements can have attributes. list of the void elements in HTML : area , base , br , col , command , embed , hr , img , input

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

- What are different types of lists in HTML?
  There are three types of lists in HTML: Unordered list or Bulleted list (ul) Ordered list or Numbered list (ol) Description list or Definition list (dl)

- What is the 'class' attribute in HTML?
  The class attribute specifies one or more classnames for an element. The class attribute is mostly used to point to a class in a style sheet.

- 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?
  <b> - Bold text   <strong> - Important text   <i> - Italic text
  <em> - Emphasized text   <mark> - Marked text   <small> - Smaller text
  <del> - Deleted text   <ins> - Inserted text
  <sub> - Subscript text   <sup> - Superscript 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?
  To merge cells in HTML, use the colspan and rowspan attribute. The rowspan attribute is for the number of rows a cell should span, whereas the colspan attribute is for a number of columns a cell should span. Both the attribute will be inside the <td> tag.

- What is the difference between a block-level element and an inline element?
  A block-level element always starts on a new line, and the browsers automatically add some space (a margin) before and after the element.
  An inline element does not start on a new line. An inline element only takes up as much width as necessary.

- 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 <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.

- 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.
  ```
  <!DOCTYPE html>
  <html>
   <body>

      <span>The span tag does not create a line break</span>

       <span>it allows the user to separate things from other elements</span>

        <span>around them on a page within the same line</span>

  </body>

  <html>
  ```

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

If our image is stored in the same directory in which HTML file is stored so type the following path: <Body background="filename. **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

- What is SVG?
  Scalable Vector Graphics (SVG) are an XML-based markup language for describing two-dimensional based vector graphics.

- What is difference between HTML and XHTML?
  HTML is the standard markup language for creating web pages, while XHTML is a stricter and more standardized version of HTML.

- 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.