**Frontend Assignment**

**Part 1: Web Designing**

**Web Designing**

**MODULE: 1 (HTML)**

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

**Ans:** No, HTML tags and elements are not exactly the same thing.HTML tags are keywords enclosed in angle brackets, which are used to define different parts of an HTML document, such as headings, paragraphs, links, images, and so on. HTML elements, on the other hand, consist of an opening tag, the content of the element, and a closing tag.

* **What are tags and attributes in HTML?**

**Ans:** HTML tags are keywords enclosed in angle brackets that are used to define different parts of an HTML document, such as headings, paragraphs, links, images, tables, and so on whereas Attributes are additional properties that can be added to HTML elements to provide more information about them.

* **What are void elements in HTML?**

**Ans:** Void elements are self-closing or empty elements that don’t have a closing tag. Eg: <br>, <hr>, <img>, <link> etc.

* **What are HTML Entities?**

**Ans:** HTML entities are codes that are used to represent special characters and symbols in HTML documents. Eg: <>, &, “”, etc.

* **What are different types of lists in HTML?**

**Ans:** There are 3 types of lists in HTML:

1. Unordered list (circle, square) - <ul> <li> list 1 </li> </ul>.
2. Ordered list (123, I, i) - <ol> <li> list 2 </li> </ol>
3. Definition list - <dl> <dt> Term </dt> <dd>Definition</dd></dl>

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

**Ans:** The class attribute in HTML is used to assign a class or group name to an element. Eg: <input type= “radio” name= “gender”>Male <input type= “radio” name= “gender”>Female

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

**Ans:** id attribute must be unique within the HTML document, while the class attribute can be used multiple times on different elements. This means that you can only use the same id value once on a single page, but you can use the same class value multiple times.

* **What are the various formatting tags in HTML?**

**Ans:** <pre> - This tag is used to display preformatted text.

<b> <strong> - This tag is used to make text bold.

<i> <em> - This tag is used to italicize text.

<u> <ins> - This tag is used to underline text.

<del> - This tag is used to strike through text.

<small> - This tag is used to make text smaller.

<sub> - This tag is used to create subscript text.

<sup> - This tag is used to create superscript text.

<mark> - This tag is used to highlight text.

* **How is Cell Padding different from Cell Spacing?**

**Ans:** Cellpadding is used to set the amount of space between the contents of a table cell and the border of the cell whereas Cellspacing is used to set the amount of space between the border of one cell and the border of an adjacent cell.

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

**Ans:**  rowspan = To combine two or more rows

Colspan = To combine two or more columns

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

**Ans:** A block-level element is an element that takes up the 100% width on the screen and starts on a new line. Eg: <div> <h1>-<h6> <p> <ul> <ol> <li> <table> <form>

Whereas, inline elements are elements that only take up as much width as necessary, and do not start on a new line. Eg: <span> <a> <strong> <em> <u> <b>

* **How to create a Hyperlink in HTML?**

**Ans:** By using <a> (anchor) tag with href attribute. Eg: <a href = “https://www.amazon.com>Amazon </a>

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

**Ans:**  An iframe tag can be used to embed websites, maps, audio and video content within an HTML document. Eg: <iframe src =https://www.youtube.com/embed/szwMAnlS4cA> </iframe>

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

**Ans:** The span tag is an inline element that is used to group inline elements and apply styles to them. Eg: <p> This is a <span style = “color: blue”>blue </span> word. </p>

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

**Ans:** By using the HTML CSS property *background-image.*

Eg: <html>

<head> <style>{background-image: “background.jpg”} </style>

</head>

<body> </body>

</html>

* **How are active links different from normal links?**

**Ans:** A link become active when you click it. If you do not click that link, is a normal link.  
Active link is a visited link and normal link is an unvisited link.

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

**Ans:** Headings tags, Paragraph tags, list tags, div tags, span tags.

* **What is SVG?**

**Ans:** SVG stands for Scalable Vector Graphics. SVG images are made up of mathematical shapes and lines, which can be scaled up or down without losing quality.

* **What is difference between HTML and XHTML?**

**Ans:**

|  |  |  |
| --- | --- | --- |
| Sno. | HTML | XHTML |
| 1 | It stands for Hyper Text Markup Language | It stands for Extensible Markup Language. |
| 2 | HTML is static in nature | XHTML is dynamic in nature |
| 3 | HTML is not case-sensitive | XHTML is case-sensitive |
| 4 | It has an extension of .html & .htm | It has an extension of .xml |
| 5 | HTML tags are predefined tags | XHTML tags are user-defined tags |

* **What are logical and physical tags in HTML?**

**Ans:** Logical tags are used to describe the meaning or purpose of content. Eg: <h1>-<h6>, <p>,<table>,<ul> whereas Physical tags are used to define how content should be presented visually. Eg: <b>,<i>,<u>,<strong>,<em>,<ins>.