**Frontend Development Assignment**

**Modul – 1 (HTML)**

1. Are the HTML tags and elements the same things?

* Tags are just opening and closing entities; element includes an opening, closing and the content.

1. What are tags and attributes in HTML?

* While the elements tell the browser what to display, the attributes define how they will behave. The tags mark the beginning and the end of an element. Attributes provide additional information about elements.  Attributes are always specified in the start tag.

1. What are void elements in HTML?

* There is special group of element that onlu have start tags and does not contain any content within it called void element. Void elements can have attributes.

1. What are the HTML entites?

* HTML entites are value of special characters which is start with “&” and end with “;”

for ex:

&lt; “<”

&nbps; “ “

1. What are different types of list in HTML?

* There are three typs of list in HTML
* Ordered List
* Unordered List
* Definition List

1. 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. However, it can also be used by a JavaScript (via the HTML DOM) to make changes to HTML elements with a specified class.

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

* A Class name can be used by multiple HTML elements, while an ID name must only be used by one HTML element within the page.

To select elements with a specific class, write a period (.) character, followed by the name of the class.

To select elements with a specific id, write a period (#) character, followed by the name of the id.

1. 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.

1. 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.

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

* We use the colspan and rowspan attribute, to merge cells in HTML. . The attribute should be placed inside the <td> tag. The rowspan attribute is for the number of rows a cell should merge, whereas the colspan attribute is for the number of columns a cell should merge.

<td colspan=”2”>

<td rowspan=”2”>

1. 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 use 100% width of screen. Inline elements use width as much as contain.

1. How to create a Hyperlink in HTML?

* In HTML hyperlink create using <a> tag.

1. 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.

1. 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.

1. How are active links different from normal links?

* A normal link is just a line of code that contains a pointer to another resource. An active link is that line of code in action, opening that other resource.

Normal links are unvisited links generally shown in blue color in most of the websites.  
A link becomes active when you click on it. However the color of the links may vary as they can be customized.

1. What is difference between HTML and XHTML?

|  |  |
| --- | --- |
| **HTML** | **XHTML** |
| HTML Stands for Hyper Text Markup Language | XHTML stands for Extensible Hyper Text Markup Language |
| HTML tags are not sensitive. | XHTML tags are sensitive. Only lowercase tags are allowed. |
| It is not required to close the tags in the same sequence that they were opened. | The tags must be closed in the sequence which they were opened. |

1. 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 much like the <div> element, but <div> is a block-level element and <span> is an inline element.

Ex:

<p>I have <span style=”color:green”> OPPO</span> Mobile.</p>

1. What are the different tags to separate sections of text?

* <br> : 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> : This contains the text in the form of a new paragraph.

<blockquote> : It is used to define a large quoted section.

1. What is SVG?
2. What are logical and physical tags in HTML?

* Physical tags are those tags which are used in coding and disply output in browser.

Ex: <strong>, <p>, <blockquote> Etc.

* Logical tags are those tags which are used in coding but not display in output

Ex: <div>, <span>, <footer>, <header>, <section> Etc.