**WD HTML ASSIGNMENT**

* Are the html tags and elements the same thing?

Html tags are used to hold the html element.

Html elements holds the content.

* What are tags and attributes in html?

Html tags : html tag starts with < and end with >.

: Html tags are almost like keyword where every single tag has unique meaning.

Html attributes : html attributes are found only in the starting tag.

: html attributes specify various additional properties to the existing html element.

* What are void elements in html?

a void elements is an element in html that cannot have any child nodes (i.e., nested element or text nodes). Void elements only have a start tag; end tags must not be specified for void elements . in html , a void elements must not have an end tag. For example, <input type=”text”> </input> is invalid html.

* What are html entities?

Some character are reserved in html.

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

Entity names or entity numbers can be used to display reserved html characters.

Entity names look like this : &entity\_name;

* What are different type of lists in html?

Html lists come in three main categories :

1. unordered lists

2. ordered lists

3. definition lists

Each type serves a specific purpose and can be customized to fit your design and content need.

* What is the ‘class’ attributes in html?

The class attributes 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 java script (via the html dom) to make changes to html elements with a specified class.

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

The difference between class and id : 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.

* What are the various formatting tags in html?

Formatting elements were design to display special types of text :

1. <b> - Bold text.
2. <strong> - Important text.
3. <i> - Italic text.
4. <em> - Emphasized text.
5. <mark> - Marked text.
6. <small> - smaller text.
7. <del> - deleted text.
8. <ins> - inserted text.

* How is cell padding different from cell spacing?

Their difference is the amount of space that the content between cells takes up. Cell padding and cell spacing are two different things. Cell spacing refers to the distance the between the cells in a grid layout, and cell padding refers to the space around each cell.

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

It can be done by using the rowspan and colspan attribute in html. The rowspan is used to merge or combine the number of cells in a row whereas the colspan is used to merge column cells in a table.

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

Inline elements only cover the space as bounded by the tags in the html element. Block element have top and bottom margin. Inline elements don’t have a top and bottom margin.

Example of block elements - <p>,<div>,<hr>.

* How to create hyperlink in html?

the <a> tag defines a hyperlink, which is used to link from one page to another. The most important attribute of the <a> element is the href attribute, which indicates the link’s destination. by default, links will appear as follow in all browsers: an unvisited link is underlined and blue.

Example: <a href=”google.com”>

* What is the use of an iframe tag?

An inline frame (iframe) is a html element that loads another html page within the document. It essentially puts another webpage within the parent page. They are commonly used for advertisements , embedded videos, web analytics and interactive content.

* 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 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 web page?

We use the <IMG> element.

Example: <img src=”picture.jpg” alt=”background” />

* How are active links different from normal links?

Active links are typically links that are currently functional and lead to live page, while normal links can refer to any link, whether functional or broken.

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

We separate a section of text in html using the below tags:

<br> tag - it is used to separate the line of text. It breaks the current line and shifts the flow of the text to a new line.

<p> tag - this tag is used to write a paragraph of text.

<blockuote> tag - this tag is used to define large quoted section.

* 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 ant every attribute in svg files can be animated.

* What is difference between html and xhtml?

Html (hyper text markup language) and xhtml (extensible hyper text markup language) are both markup language used for creating and displaying web pages. The main difference between them is the syntax and structure ; html is more lenient in its syntax ,while xhtml has no more strict syntax and follows xml rules.

* What are logical and physical tags in html?

Physical and logical tags are used in html for better visibility and understanding of the text bu the user on the web page . however, both tags differ from each other as suggested by their names. Logical tags: logical tags are used in html to display the text the according to the logical styles.