**Web Designing Assigment**

**Term-1**

**Module(HTML-1)**

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

* No,tags and elements are not same.
* Tag: is a part of HTML syntex used to create HTML elemet.

Ex,..<br>,<p>

* Elements : is a combination of opening tag and its content and the closing tag.

Ex,..<p>My Name is Mehul</p>

1. What are tags and attributes in HTML?

* Tags : are the basic building block for HTML. They are used to create elements in HTML document.

Ex,..<div>,<a>

* Attributes : provides additional information about an element.

Ex,..<a herf=”https://www.google.com”>Open Google</a> href is an attributed of <a> tag.

1. What are void elements in HTML?

* Void elements are basically that do not have closing Tags and cannot have any child elemnts or content.Basically Self-closing Tags.

Ex,..<img>

<br>

<hr>,<ing>,<link>

1. What are Html Entities?

* Html entities are used to reoresent charecters that have special meanings in HTML(Like <, >, &, etc.)cannot showed in HTML page directly

&lt; -- <

&gt; -->

&amp; --&

1. What are different types of lists in HTML?

* Order List (<ol>)
* Unordered List (<ul>)
* Description List(<dl>)

1. What is the ‘class’ attribute in HTML?

* The class attribute is used to assign or more class names to an HTML element. Class can be used to apply css styles

<h1 class=”heading”>Mehul Patil</h1>

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

* Id : attribute is unique and is used to identify a single element. No two elements should have the same id in an HTML document
* Class : attribute can be shared by multiple element. It’s used apply the same style to multiple elements.

1. What are the various formatting tags in HTML?

* Formatting tags in HTML are used to change the appearance of the text.

<b> : Bold text

<i> : Italic text

<u> : Underlined text

<strong> : Strong emphasis(usually rendered as bold)

<em> : Emphasis (usually rendered as italic)

<mark> : Highlited text

<sub> : Subscript text

<sup> : Superscript text

1. How is Cell padding different from Cell Spacing?

* Cell Padding : The space between the cell content and its border. It adds space inside the cell.
* Cell Spacing : The space between individual cells in a table. It adds space between the borders of adject cells.

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

* Using the colspan and rowspan attributes.
* Colspan : Merges multiple columns into a single column
* Rowspan : Merges multiple rows into a single row.

1. What is the difference between a block-level element and in inline element?

* Block-Level Element : These elements take up the full width available and start on a new line.

Ex,..<div>,<h1>,<p>

* Inline Element : These elements take up only as much width as necessary and do not start on a new line.

Ex,..<a>,<span>

1. How to create a Hyperlink in HTML?

* With use of <a> tag with the href attribute.

Ex,..<a href=”https://www.google.com”>

1. What is the use of an iframe tag?

* <iframe> tag used to embed another HTML document within the current document and also used to embed videos, maps, or other web pages.

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

* The <span> tag is inline container used to wrap text or other inline elements for stylingor scripting purposes without affecting the layout.
* Ex,..<p>python is <span style=”color:red;”>Dynamic<span> type programming language</p>

1. How insert a picture into a background image of a web page?

* <body style=”backgroundp-image:url(“image.jpg”);”>

content here

</body>

1. How are active links different from normal links?

* CSS pseudo-class is used to style an active link.

<style>

a:active{

color : red;

}

</style>

<a href=”https://www.google.com”>Open Google</a>

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

* <br> : Inserts a line break.
* <hr> : Inserts a horizontal rule (divider).
* <p> : Defines a paragraph.
* <div> : Defines a division or section in an HTML document.
* <section>, <article>, <nav>, <aside>: HTML5 semantic tags used to define specific sections of a webpage.

1. What is SVG?

* (SVG) : Scalable Vector Graphics is an XML-bsed formet for describing two-dimensional vector graphics. It allows for high quality images that can be scaled indefinitely without losing quality.

1. What is difference between HTML and XHTML?

* HTML (Hyper Text Markup language): More forgiving in syntax, not case-sensitive, allows omission of some tags and attributes.
* XHTML (Extensible Hyper Text Markup language): Stricter syntax rules, must be well-formed, case-sensitive, and all tags must be closed properly.

1. What are logical and physical tags in HTML?

* Logical Tags : These tags do not describe the visual appearance but the logical structure or meaning of the text (e.g., <em> for emphasis, <strong> for strong importance).
* Physical Tags : These tags describe the physical appearance or the text (e.g.,<b> for bold, <i> for italic).