**MODULE: 1 (HTML)**

• Are the HTML tags and elements the same thing?

🡪HTML Tags are building blocks of HTML Page. HTML Elements are components that are used in HTML Page. HTML Tags usually exist in pairs consisting of a starting and an ending tag. However, some tags do not have a closing tag.

• What are tags and attributes in HTML?

🡪An HTML attribute is a piece of markup language used to adjust the behavior or display of an HTML element. For example, attributes can be used to change the color, size, or functionality of HTML elements.

• What are void elements in HTML?

🡪A void element is an element whose content model never allows it to have contents under any circumstances

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

🡪**Types of lists**

* Bucket list. Such as "100 things to do before you die". ...
* TODO list. Such as "Weekend tasks to complete". ...
* Best-of list. Such as "Top 10 movies of all time". ...
* Inventory list. Such as "Items for sale".
* Brainstorming list. Such as this list. ...
* Index list. A list of lists. ...
* Check list. ...
* Timeline list.

🡪The class attribute specifies one or more classnames for an element

• 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.

• What are the various formatting tags in HTML?

🡪**HTML Formatting tags**

* <b> - Bold text.
* <strong> - Important text.
* <i> - Italic text.
* <em> - Emphasized text.
* <mark> - Marked text.
* <small> - Smaller text.
* <del> - Deleted text.
* <ins> - Inserted 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?

🡪We use the colspan and rowspan attribute, to merge cells in HTML.

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

🡪Block elements cover space from left to right as far as it can go. Inline elements only cover the space as bounded by the tags in the HTML element.

• How to create a Hyperlink in HTML?

🡪<a href="*url*">*link text*</a>

• What is the use of an iframe tag?

🡪 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.

• 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.

• 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.

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

🡪<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.

<blockquote> tag–This tag is used to define large quoted sections.

• What is SVG?

🡪SVG stands for Scalable Vector Graphics.

• What is difference between HTML and XHTML

🡪HTML stands for Hypertext Markup Language, whereas XHTML stands for Extensible Hypertext Markup Language. XHTML is basically an extension of HTML, which is stricter than HTML. Both languages are used to create web pages. HTML is SGML based, whereas XHTML is an XML-based language.

• What are logical and physical tags in HTML?

🡪Physical and Logical tags are used in HTML for better visibility and understanding of the text by the user on the web page. However, both tags differ from each other as suggested by their names.

**MODULE: 3 (HTML 5)**

• What are the new tags added in HTML5?

🡪(MOVED) article, (MOVED) aside, audio, canvas, command, details, embed.

• How to embed audio and video in a webpage?

🡪 The HTML5 <audio> and <video> tags make it simple to add media to a website

• Semantic element in HTML5?

🡪  those that clearly describe their meaning in a human- and machine-readable way

• Canvas and SVG tags

🡪 SVG is a language for describing 2D graphics in XML. Canvas draws 2D graphics, on the fly (with a JavaScript). SVG is XML based, which means that every element is available within the SVG DOM. You can attach JavaScript event handlers for an element.