**MODULE: 1 (HTML)**

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

No, HTML tags are used to hold the HTML element.HTML element hold the content.

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

HTML tags are used to hold the HTML element.HTML attributes are used to describe the characteristics of an HTML element in detail.

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

Void element is an element whose content model never allows it to have contents under any circumstances.

1. **What are HTML Entities?**

HTML entities is a piece of text (“string“)that begins with an ampersand (&)and ends with a semicolon(;).

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

There are three types of list..

* Unordered list or Bulleted list (ul)
* Ordered list or Numbered list (ol)
* Description list or Defination list (dl)

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

The class attribute specifies one or more classnames for an element.The class attributes is mostly used to point to a class in a style sheet.

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.

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

Formatting elements ware designed to display special types of text.

* <b> bold text
* <strong> important text
* <i> italic text
* <em> Emphasized text
* <mark> marked text
* <small> smaller text
* <del> Deleted text
* <ins> Inserted text
* <sub> subscript text
* <sup> superscript text

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

**Cellpadding:**

Cellpadding basically defines the space present between a table cell’s border and the content present in it.

**Syntax**: <table cellpading=”value”></table>

**Cellspacing:**

Cellspacing basically defines the space present between indivisual adjacent cell.

**Syntax**: <table cellspacing=”value”></table>

1. **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 inHTML. The rowspan is used to merge or combine the number of cells in row whereas the colspan is used to merge column cells in a table.

Example.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <table border="2">

        <tr>

            <td>no</td>

            <td>name</td>

            <td>city</td>

        </tr>

        <tr>

            <td>1</td>

            <td>Arvi</td>

            <td rowspan="2">ahmedabad</td>

        </tr>

        <tr>

            <td>2</td>

            <td>Ruchi</td>

        </tr>

        <tr>

            <td>3</td>

            <td colspan="2">Harvi</td>

        </tr>

    </table>

</body>

</html>

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

**Block level element..**

Block elements always from a new line..block elements cover space from left to right as far as it can go

**Example**: <p> ,<div>is a block level element.

**Inline element..**

inline elements never start from a new line. . inline elements only cover the space as bounded by the tags in the HTML.

**Example:** <span> is a inline element.

1. How to create a Hyperlink in HTML?
2. <!DOCTYPE html>
3. <html lang="en">
4. <head>
5. <meta charset="UTF-8">
6. <meta http-equiv="X-UA-Compatible" content="IE=edge">
7. <meta name="viewport" content="width=device-width, initial-scale=1.0">
8. <title>Document</title>
9. </head>
10. <body>
11. <a href="https://www.google.com">Google</a>
12. </body>
13. </html>

13. What is the use of an iframe tag?

The <iframe>tag specifies as inline frame.An inline frame is used to embed another document within the current HTML document .

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <iframe src="exa.html" frameborder="0" width="100%" height="300"></iframe>

</body>

</html>

**14. 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.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <span>Lorem ipsum dolor sit amet consectetur adipisicing elit. Quo molestiae porro nisi rem eum error? Sunt accusamus porro laboriosam culpa facere aspernatur doloremque, iure, quis, incidunt pariatur itaque alias obcaecati!</span>

</body>

</html>

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

The most common & simple way to add background image is using the background image attribute inside the <body> tag.

**Example:** <!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body background="data:image/jpeg;base64,">

    <h1>Hello!............</h1>

    <h2>background Image</h2>

</body>

</html>

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

Active links shows that browser is in the process to load a new resource.You can do your own custom styling using css.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h2>This is a link..</h2>

    <a href="https://www.google.com">Welcome</a>

</body>

</html>

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

There are three tags that can be used to seperate the text..

<br> tag is used to seperate the line of text.

<p> tag This content the text in form of a new paragraph.

<blockquote> tag it is used to define a large quoted section.

**18. What is SVG?**

Scalable Vector Graphics is an XML-based vector image format for defining two dimentional graphics, having support for interactivity and animation .The SVg specification is an open standard developed by the world wide web Consortium since 1999.

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<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h2>My first SVG</h2>

    <svg width="100" height="100">

    <circle cx="50" cy="50" r="40" stroke="green" stroke-width="4" fill="yellow"></circle>

</svg>

</body>

</html>

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

**HTML:**

* Tags aren’t extensible.
* Tags are not case-sensetive.
* Possible to leave off and ending tag like </body>
* Overlapping tags.

**XHTML:**

* Tags are extensible.
* Only lowercase tags are allowed.
* Tags should appear in pairs.
* No overlapping tags.

**20. 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.

**Logical tags:**

<address> <code> <del> <blockquote> <ins> <pre> <q> <strong> <var>

**Physical tags :**

<b> <small> <sup> <sub> <u> <big>