# ASSIGNMENT - 1
# MODULE -1

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

➢ No, the HTML tags and elements not are the same thing.

## 2. What are tags and attributes in HTML?

➢ HTML tags are used to hold the HTML element. HTML element holds the content. HTML attributes are used to describe the characteristic of an HTML element in detail.

## 3. What are void elements in HTML? With Example.

➢ A viod element in an element whose content model never allows is to have contents under any circumstances.

➢ **Ex. :** area , base , br , col , command , embed , hr , img , input , keygen , link , meta , param , source , track , wbr.

## 4. What are HTML Entities? With Example.

➢ An HTML entity is a piece of text ("string") that begins with an ampersand (&) and ends with a semicolon (;).

➢ **Ex. :** &lt; &gt; &amp; &quot; &cent; &pound; &yen;

## 5. What are different types of lists in HTML? With Example.

➢ There are three types of Lists :

1. Unordered List

2. Ordered List

3. Description List

> **Ex. :**

1. **Unordered List :**

   <ul>

   <li>html</li>

   <li>css</li>

   <li>j.s</li>

   </ul>

   **OUTPUT :**

   - html

   - css

   - j.s

2. **Ordered List :**

   <ol>

   <li>html</li>

   <li>css</li>

   <li>j.s</li>

   </ol>

   **OUTPUT :**

   1. html

   2. css

   3. j.s

   **3. Description List :**

```
<dl>

    <dd>html</dd>

    <dd>css</dd>

    <dd>j.s</dd>

</dl>
```

**OUTPUT :**

html

css

j.s

## 6. What is the 'class' attribute in HTML? With Example.

➢ The class attribute specifies one or more class names for an element in html.

➢ **Ex. :**

```
<div class="Row 1"> Row 1</div>
```

**OUTPUT :**

Row 1

## 7. What is the difference between the 'id' attribute and the 'class' attribute of HTML elements? With Example.

➢ A class name can be used by multiple HTML elements, while and ID name must only be used by one HTML element within the page.

➢ **Ex. :**

- ID name starts with the **"#"** symbol followed by a unique name assigned to it.

- CLASS assigned to an element has its name start with **"."**
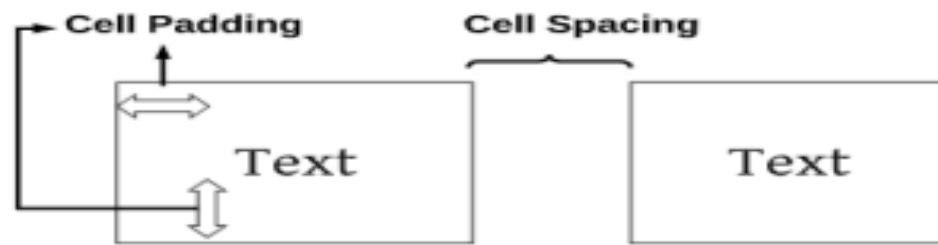
followed by class name.

## 8. What are the various formatting tags in HTML ?

➢ Formatting elements were 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

## 9. How is cell padding different from cell spacing ? With Example.

➢ 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.

➢ **Ex. :**

**Cell Padding**  **Cell Spacing**

Text  Text

## 10. How can we club two or more rows or columns into a single row or column in a HTML table ? With Example.

➤ 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.

➤ The colspan is used to merge column cells in a table.

➤ **Ex. :**

| Columu 1 | Columu 2 | Columu 3 |
|---|---|---|
| Row 1 Cell 1 | Row 1 Cell 2 | Row 1 Cell 3 |
| | Row 2 Cell 2 | Row 2 Cell 3 |
| Row 3 Cell 1 | | |

## 11. What is the difference between a blocl-level element and an inline element ?

- ➢ Block elements always start from a new line.

- ➢ Inline elements never start from a new line.

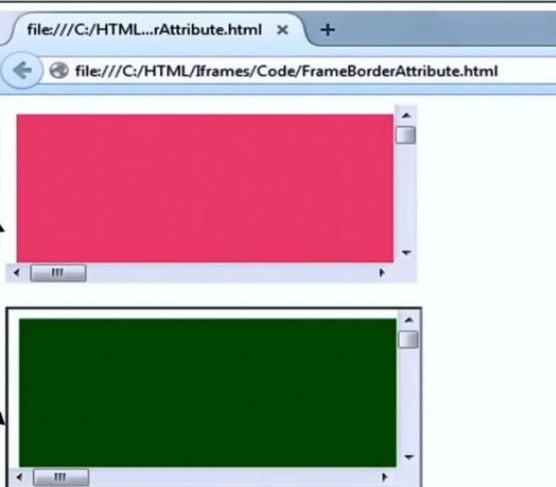## 12. How to creat a Hyperlink in HTML ? With Example.

- ➢ Hyperlinks in HTML are used to jump from one document to another.

- ➢ The HTML <a> tag defines a hyperlink.

- ➢ **Ex. :**

  <a href ="url"> link text <a>

## 13. What is the use of an iframe tag ? With Example.

- ➢ The iframe tag specifies an inline frame.

- ➢ The most common use of an iframe is to load content from another site within the page.

- ➢ **Ex. :**

| Code | Output |
|------|--------|
| ```html<br><html><br><body><br><br><iframe src="Image4.html"  frameborder="0"><br></iframe><br><br><br/><br/><br><br><iframe src="Image5.html"  frameborder="1"><br></iframe><br><br></body><br></html><br>``` | file:///C:/HTML...rAttribute.html × +<br>file:///C:/HTML/Iframes/Code/FrameBorderAttribute.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.

➢ **Ex. :**

```
<html>
        <head>
                <title> </title>
        </head>
        <body>
                <span> Data </span>
                <span> Data </span>
        </body>
</html>
```

**OUTPUT :**

Data Data

## 15. How to insert a picture into a background image of a web page ? With Example.

➢ In the body tag, specify a background image in the background attribute by passing the URL of the image or location path.

➢ **Ex. :**

```
<!DOCTYPE html>
<html>
<head>
    <title>Inserting an image using "img" tag</title>
</head>

<body>
    <p>inserted image using <img> tag:</p>
    <img src=
"https://media.geeksforgeeks.org/wp-content/cdn-uploads/20190710102234/download3.png"/>
</body>
</html>
```

**OUTPUT :**



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

➢ An active link is underlined and red.

➢ Normal Linkns are underline and blue(unvisited link).

➢ Visited links are underline and purple.

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

➢ 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.

➢ tag- This tag is used to write a paragraph of text.

➢ tag- this tag is used to create a new line in text section.

## 18. What is difference between HTML and XHTML?

➢ An HTML file can be saved with the extensions – .html, .htm.

➢ An XHTML file has extensions – .xhtml, .xht, .html, .htm, .xml.

➢ Attribute values are not important in HTML.

➢ Attributes values are very significant in XHTML.

## 19. 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 are used to tell the browser what kind of text is written inside the tags.

- physical tags are used to decide the appearance of the text and do not provide any information about the text.