

Web Designing Assignment

Module (HTML) -1

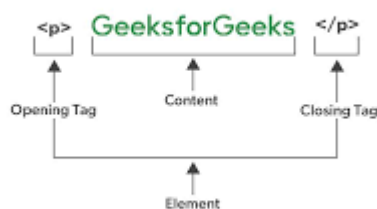
1) Are the HTML tags and elements the same thing?

- > - HTML Tags are building blocks of HTML Page.
- HTML Elements are components that are used in HTML Page.

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.

EX :-



3) What are void elements in HTML?

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

- | | | |
|-------------|------------|-----------|
| - <area> | - <input> | - <track> |
| - < base> | - <keygen> | - <wbr> |
| -
 | - | |
| - <col> | - <link> | |
| - <command> | - <meta> | |
| - <embed> | - <param> | |
| - <hr> | - <source> | |

4) What are HTML Entities?

- < (less than) = **<**
- > (greater than) = **>**

5) What are different types of lists in HTML?

--> HTML lists come in three main categories:

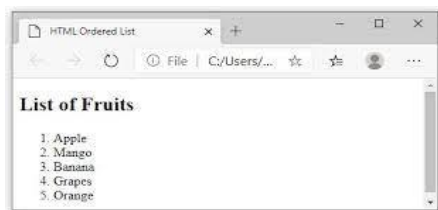
- unordered lists

EX :-



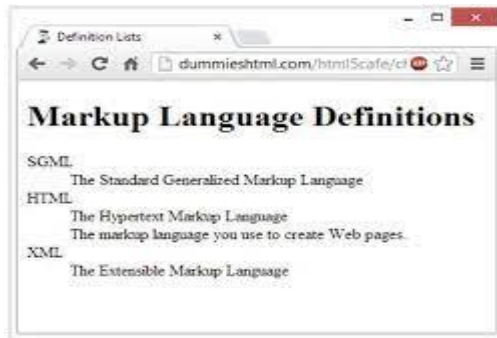
- ordered lists

EX :-



- definition lists.

EX :-



6) What is the 'class' attribute in HTML?

--> The class attribute specifies one or more **classnames** for an element.

EX :-

CHINA

China has the largest population in the world.

INDIA

India has the second largest population in the world.

UNITED STATES

United States has the third largest population in the world.

7) What is the difference between the 'id' attribute and the 'class' attribute of HTML elements?

--> The basic difference between ID and Class is that the ID selector is applied only to one element in a page, whereas the class selector can be applied to several elements on a single page.


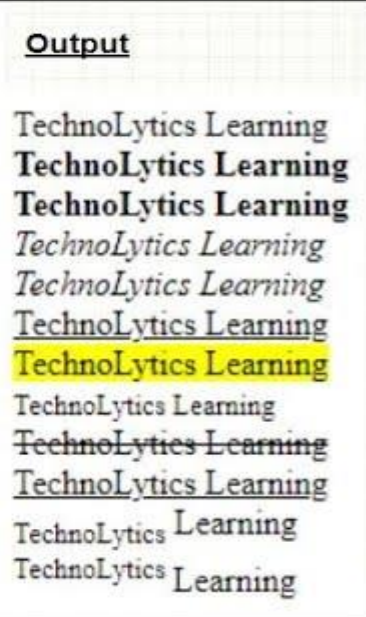
EX :-

id IN CSS	
VERSUS	
class IN CSS	
id	class
A selector in CSS that styles the element with a specified id	A selector in CSS that styles the selected elements with a specified class
Syntax is #id { css declarations ; }	Syntax is .class { css declarations ; }
Used to apply styling to one specific element	Used to apply styling to multiple elements
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8) What are the various formatting tags in HTML?

- - Bold text
- - Important text
- <i> - Italic text
- - Emphasized text
- <mark> - Marked text
- <small> - Smaller text
- - Deleted text
- <ins> - Inserted text
- <sub> - Subscript text
- <sup> - Superscript text

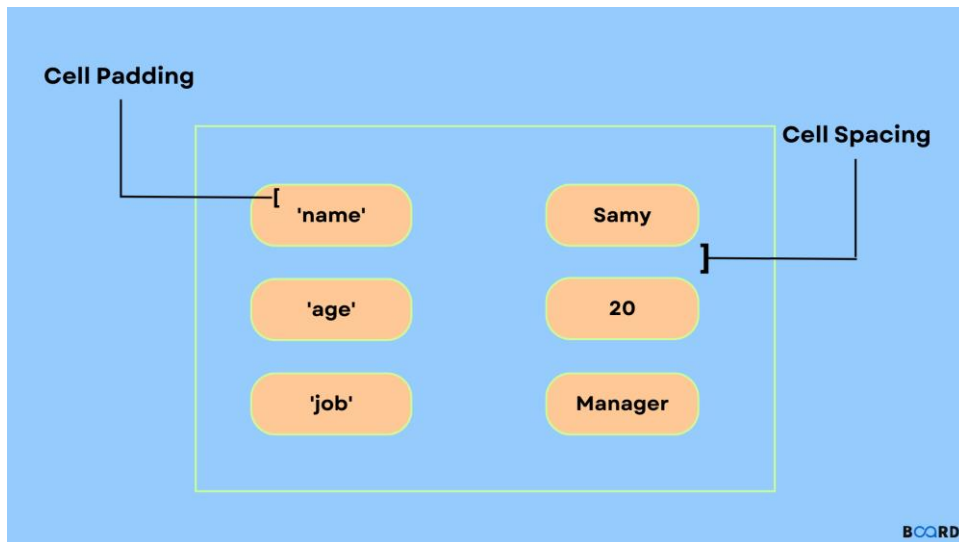
EX :-

	<p>Try This Code</p> <pre><!DOCTYPE html> <html> <body> TechnoLytics Learning
 TechnoLytics Learning
 TechnoLytics Learning
 <i>TechnoLytics Learning</i>
 TechnoLytics Learning
 <u>TechnoLytics Learning</u>
 <mark>TechnoLytics Learning</mark>
 <small>TechnoLytics Learning</small>
 TechnoLytics Learning
 <ins>TechnoLytics Learning</ins>
 <sub>TechnoLytics</sub> Learning
 <sup>TechnoLytics </sup>Learning
 </body> </html></pre>	<p>Output</p> 
--	---	--

9) How is Cell Padding different from Cell Spacing?

--> Cell padding is used to create a border around the content area of a web page, whereas cell spacing is used for positioning elements (such as images or text) within that content area.

EX :-



10) 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.

- The rowspan attribute is for the number of rows a cell should merge, whereas the colspan attribute is for the number of columns a cell should merge.
- The attribute should be placed inside the <td> tag.

EX :-

Before Colspan

First Cell	Second Cell
Third Cell	Forth Cell

After Colspan

Merged	
Third Cell	Forth Cell

HTML 5 Create Tables in HTML

Column 1	Column 2	Column 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		

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

--> Inline elements never begin on a new line. Block elements completely fill the accessible area from left to right.

EX :-

Block-level and inline elements

Block

- block-level elements generally can contain text, data, inline elements, or other block-level elements.
- block-level elements generally begin new lines of text.

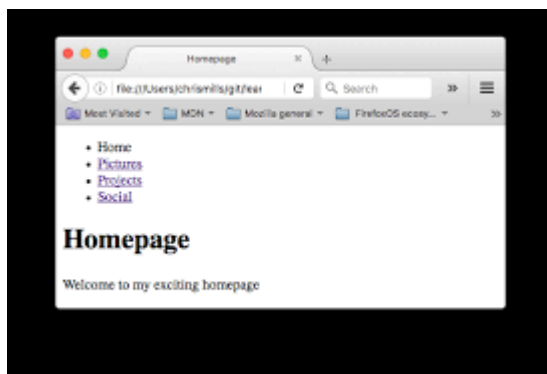
Inline

- Inline elements generally only contain text, data or other inline elements. They are usually "smaller" than block-level elements.
- Inline elements do not generally begin new lines of text.

12) How to create a Hyperlink in HTML?

--> The <a> tag defines a hyperlink, which is used to link from one page to another.

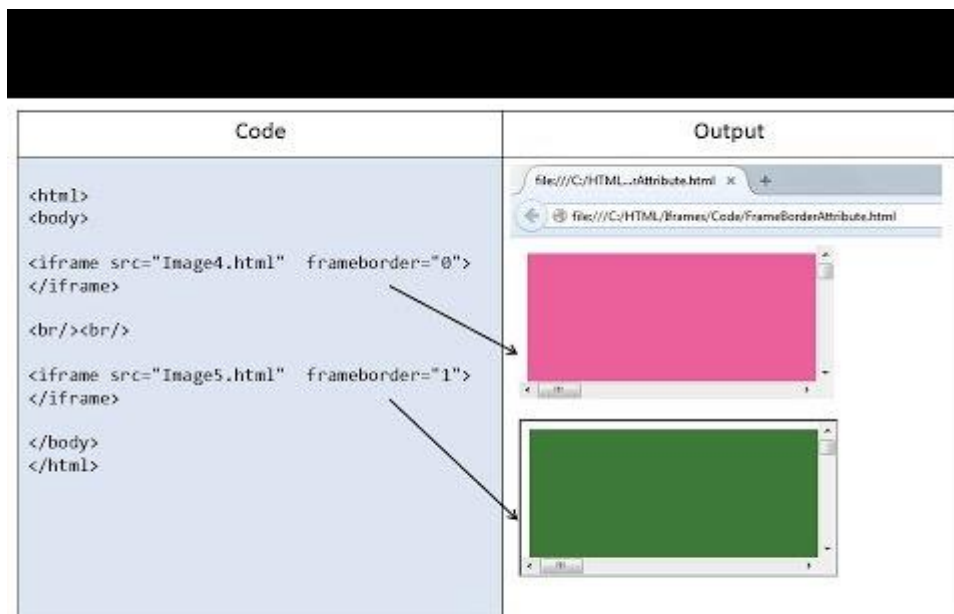
EX :-



13) What is the use of an iframe tag?

--> An inline frame (iframe) is a HTML element that loads another HTML page within the document.

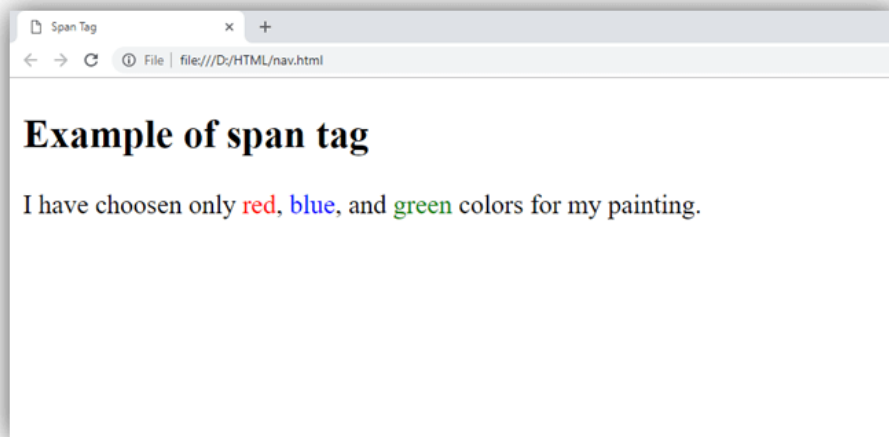
EX :-



14) What is the use of a span tag? Explain with example?

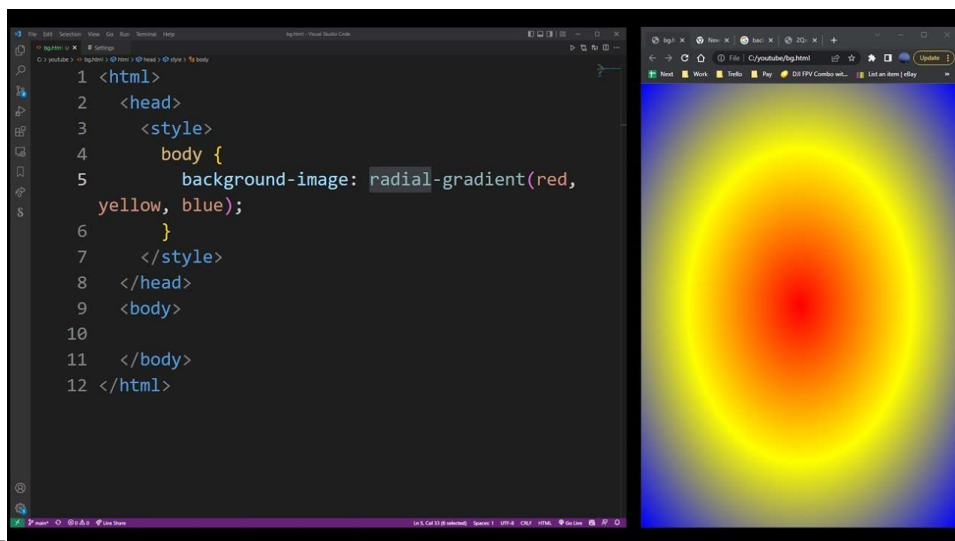
--> The span tag is a generic inline container element. You use this element to wrap sections of text for styling purposes or to add attributes to a section of text without creating a new line of content.

EX :-



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

--> Within the starting <body> tag in your Html file, type <Body background-image: radial-gradient (..... , ,) >



EX :-

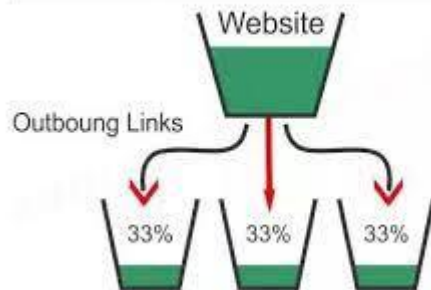


16) How are active links different from normal links?

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

EX :-

Normal Link Juice Transfer DoFollow:



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

--> The body tag is used for text and tags that are shown directly on your web page.

EX:-

Geeksforgeek: Section 1

Content of section 1

GeeksforGeeks: Section 2

Content of section 2

GeeksforGeeks: Section 3

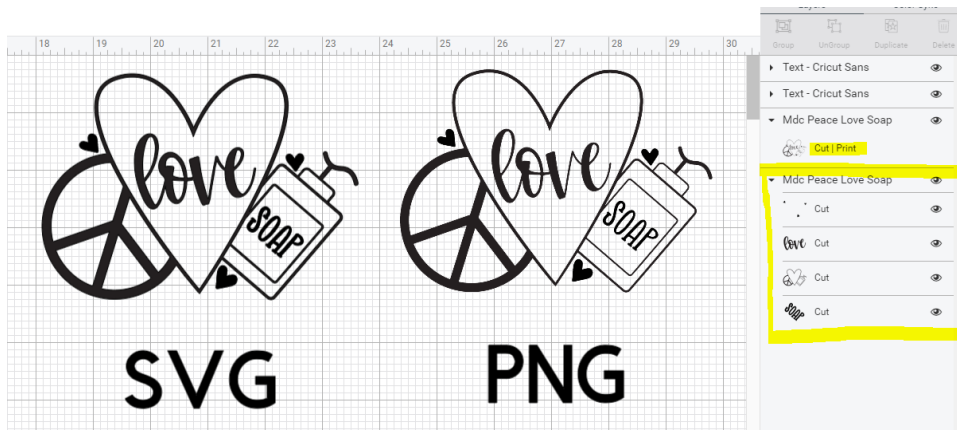
Content of section 3

18) What is SVG?

--> SVG stands for Scalable Vector Graphics.

- SVG is used to define vector-based graphics for the Web.
- SVG defines graphics in XML format.
- Each element and attribute in SVG files can be animated.

EX:-



19) What is difference between HTML and XHTML?

--> HTML (HypertextMarkup Language) and XHTML (ExtensibleHypertext Markup Language) are both markup languages 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 a more strict syntax and follows XML rules.

EX :-

HTML vs. XHTML	
• Some comparisons of HTML vs. XHTML	
HTML	XHTML
Tags aren't extensible	Tags are extensible
Tags are not case-sensitive	Only lowercase tags are allowed
Possible to leave off and ending tag like </body>	Tags should appear in pairs
Overlapping tags	No overlapping tags

20) What are logical and physical tags in HTML?

--> In HTML the formatting tags are divided into two categories:-

- Physical tag: These tags are used to provide the visual appearance to the text. Logical tag: These tags are used to add some logical or semantic value to the text.

EX :-

Physical Tags

Text without any formatting

GeeksforGeeks- This is **Bold text**

GeeksforGeeks- This is BIG text

GeeksforGeeks- This is Italic text

GeeksforGeeks- This is Small text

1st

H₂O

GeeksforGeeks- This is teletype text

GeeksforGeeks- This is underlined text