

## Assignment - 2

1. What is the class attribute in HTML? with Example.

→ HTML elements can belong to more than one class. To define multiple classes separate the class names with a space. The element will be styled according to all the classes specified.

The HTML class attribute is used to specify is a class for an HTML element multiple HTML elements can share the same class.

In the following example we have three `<div>` elements with a class attribute with the value of `city`. All of the three `<div>` elements will be styled according to the

Ex: `<style>`

`city {`

`background-color: red;`

`color: white;`

`border: 2px solid black;`

`margin: 20px;`

`padding: 20px;`

`}`

`</style>`

`</head>`

`<body>`

2. What is the difference between the id attribute and the class attribute of HTML elements? with Example

→ Difference between id and class attribute: The only difference between them is that "id" is

Page \_\_\_\_\_

unique in a page and can only apply to at most one element while class selector can apply to multiple elements.

HTML is the foundation of web pages is used for webpage development by structuring websites and web apps.

Ex: `<element class = "class_name">`

In CSS stylesheet:

• class {

// CSS property

}

3. How is cell padding different from cell spacing? with example.

→ Cell padding basically defines the space present between a table cell's border and the content present in it. Cell spacing basically defines the space present between individual adjacent cells. One can create it using the tag of HTML but it sets the type attribute to cell padding.

The most basic difference between cell padding and cell spacing is the cell padding is used to set the white space between cell edge and cell content.

The cell padding attribute places spacing around data within each cell. The cell spacing attribute places around each cell in the table.



Example :-

First name	Last name	Age
Harsh	Agarwal	15
Manas	Chhabra	27
Ramesh	Chandra	28

4. How to create a hyperlink in HTML? with example.
- The `<a>` tag defines a hyperlink, which is used to link from one page to another. The most important attribute of the `<a>` elements is the `href` attribute. To make a hyperlink in an HTML page use the `<a>` and `</a>` tags, which are the tags used to define the links.

A basic link is created by wrapping the text or other content inside an `<a>` element and using the `href` attribute also known as `hypertext`.

Example :-

`<a>`

5. 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 is used to write a paragraph of text.



`<blockquote>` tag this tag is used to define large quoted sections.

The section tag divides the content into sections and subsections. The tag is used to create standalone page sections. Tag description and example of using.

6. What is SVG?

The SVG File Format is a popular tool for displaying two dimensional graphics, charts and illustrations on websites. Plus, as a vector file it can be scaled up or down without losing any of its resolution.

SVG is a language for describing 2D graphics. Canvas draw 2D graphics on the fly. You can attach Javascript events handlers of an element.

7. What is difference between HTML and XHTML?

XHTML was developed to make HTML more extensible and flexible to work with other data formats. In addition, browsers ignore errors in HTML pages and try to display the website even if it has some errors in the markup. So XHTML comes with a much stricter error handling.

HTML stands for Hypertext Markup language. XHTML stands for Extensible Hypertext Markup language. The main difference between XHTML and HTML is the all tags, once opened, must be closed.



8. What are logical and physical tags in HTML?

The logical and physical 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. Logical tags: Logical tags are used in HTML to display the text according to the logical styles. The physical tag describes the presentation or appearance of the content.

Physical tags are used to tell the browser how to display the text enclosed in the physical tag.