# **MODULE:1(HTML)**

# Are the HTML tags and elements the same thing?

**Answer:** The HTML tags and elements are not the same thing. The HTML tags define the elements and it is denoted within the angular brackets. The text or content written between the HTML tags is called elements.

# For Example:

This is a Web Page

In the above example is a HTML tag and This is a Web Page is HTML an element.

# What are tags and attributes in HTML?

Answer: The tag defines the elements. It is denoted within the angular brackets. There are different types of tags in html. The attribute defines the property of the html element. It is denoted using double quotes. It is written in the start tag.

#### For example:

<a href="myfile.html">My file</a>
In the above example <a> is a tag and href is an attribute.

#### • What are void elements in HTML?

**Answer:** The void elements are the elements that do not have end tags and there is no content inside it. They are self closing tags. These elements have attributes.

#### <br>,<hr>,<img>

The above are the examples of void elements in html.

#### What are HTML Entities?

**Answer:** The html entities are used to display reserved characters and invisible characters in html. It starts with ampersand(&) and ends with a semicolon(;). These are the special characters in html.

#### For example:

©,®,£

The above are the examples of entities in html.

# What are the different types of lists in HTML?

**Answer:** The different types of lists in html are as shown below:

#### 1. Ordered lists:

It is denoted as . This list starts with tag which means list. There are various types of ordered lists like 1,a,A,etc. If we write the type 1 the list will start with 1 and then 2 and continue.

#### 2. Unordered lists:

It is denoted as . This list starts with tag. There are various types of unordered lists like square, disc, circle, etc. If we write the type square it will show square shape before every element.

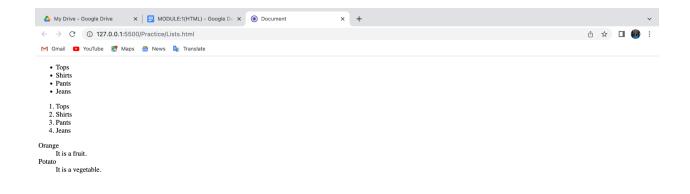
# 3. Description lists:

It describes the list with a description of each list element. In this data term <dt> is given and its data definition <dd> description about the element is described.

#### For example:

<!DOCTYPE html>

```
<html lang="en">
<head>
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 Shirts
 Pants
 Tops
 Pants
 <dd>It is a fruit.</dd>
 <dt>Potato</dt>
 <dd>It is a vegetable.</dd>
```



#### What is the 'class' attribute in HTML?

**Answer:** It defines the class of an element. It specifies the names of the elements. From that particular class name we can style that element easily. It can define one or more class names for an element.

#### For example:

This a paragraph>
In the above example class="" is a class attribute and inside double quotes is class name.

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

#### **Answer:**

Id attribute	Class attribute		
Only one id can be given to an element.	1.Multiple classes can be given to an element.		
2.The syntax for id is #id.	2.The syntax for class is .class.		
3.It is not case sensitive.	3. It is case sensitive.		
4.ld is unique.	4.Class is not unique.		

# What are the various formatting tags in HTML?

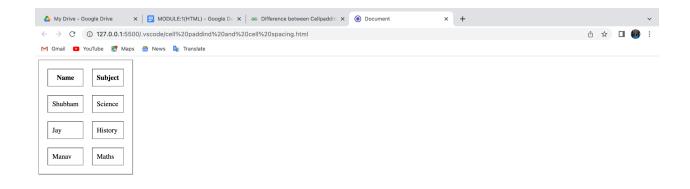
**Answer:** The various formatting tags in HTML are as follows:

- 1.<b>:It is used to bold any text.
- 2.<i>:It is used to give italic style to text.
- 3.<mark>:It is used to highlight any text.
- 4.<u>:It is used to underline any text.
- 5.<small>:It is used for showing text in smaller sizes.

# How is Cell Padding different from Cell Spacing?

Answer: Basically, cell padding defines the space present between the contents of each cell and its border. While cell spacing is the distance between each cell. Both the attributes can be used for table formatting. Cell spacing is used for fixing the space present between the contents of each cell and the border. Cell spacing is used for fixing the space between individual cells.

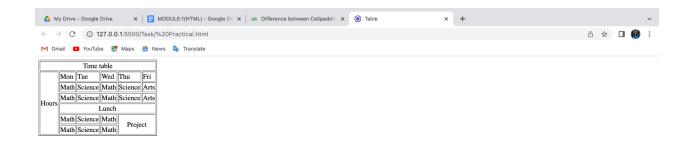
```
<head>
<meta http-equiv="X-UA-Compatible" content="IE=edge">
 Shubham
      Science
      Manav
      Maths
```



 How can we club two or more rows and columns into a single row or column in an HTML table?

**Answer:** To club two or more rows and columns into a single row or column in an HTML table we use rowspan and colspan attributes.

```
Hours
  Mon
  Wed
  Thu
  Fri
  Science
  Math
  Science
  Arts
  Math
  Math
  Science
  Arts
Lunch
Math
Project
Math
```



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

#### **Answer:**

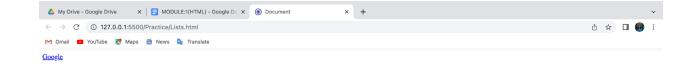
Block-level element	Inline element		
It always starts on a new line.	<ol> <li>It does not start on a new line.</li> </ol>		
This element takes full width available to the left and right.	2.This element only takes the necessary width.		
3. , <div>,etc. are the</div>	3. , <span>,<a>,etc. are</a></span>		

block-level elements.

the inline elements.

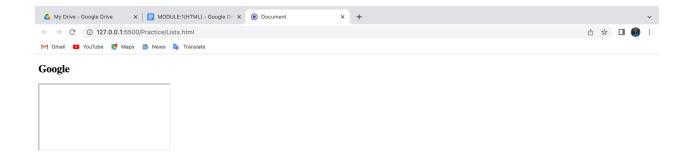
# How to create a Hyperlink in HTML?

**Answer:** To create a hyperlink in html we use <a> tag to define any link. In <a> tag we use href attribute to define the link address.



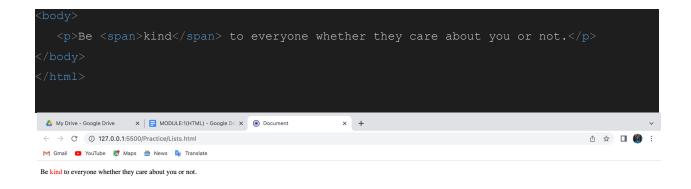
# • What is the use of an iframe tag?

**Answer:** An iframe is an inline frame and it is used to load another document within the current html document.



• What is the use of a span tag? Explain with an example.

**Answer:** The span tag is used to style a word in a line of text. The span tag is an inline element.



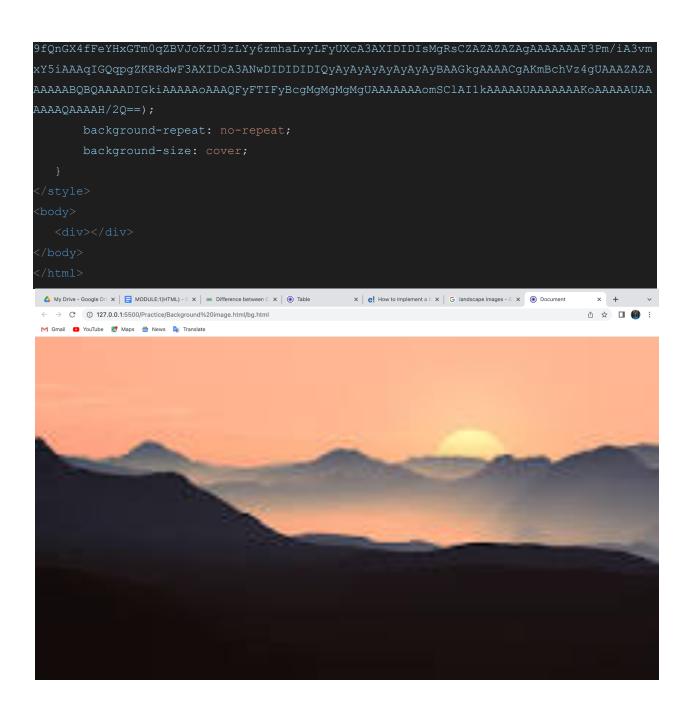
 How to insert a picture into a background image of a web page?

**Answer:** To insert a picture into a background image we use style attribute in which we use background-image property.

# <style> body{

background-image:

url(data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQABAAD/2wCEAAkGBwgHBgkIBwgKCgkLDRYPDQw MDRsUFRAWIB0iIiAdHx8kKDQsJCYxJx8fLT0tMTU30jo6Iys/RD84QzQ50jcBCqoKDQwNGq8PGjclHyU3Nzc3N /xAAbAAEBAAMBAQEAAAAAAAAAAAAQIDBAUGB//EAD4QAAIBAwICBqYHBQkAAAAAAAAAAGMEEQUSIVEGEzFBY aEUInGBkdEHI1JiY3KxFjJCweEVM0RTVIKSk8L/xAAaAQEBAQEBAQEAAAAAAAAAAAAQIDBAUG/8QAJhEBAAI CAQMEAgMBAAAAAAAAAAERAgMSBCExExRBUSIyUmGhQv/aAAwDAQACEQMRAD8A+6PjP0alFyEAAGQQABFAAAKEA  ${ t AFABFAAAWAAIACowAAABpI6AFCKmAApUUAACKAAoAIAUChFSCLqFmAhqCNBUCoFRqAAAK1+vzI12Em+1oHYwvt}$ IJa4XqAz4AAAACqAKEAKAQRQMkGWSQRlqIuAlo0Fti0FhiwqBWLCqUAqGlSDpRuXMJSqQKVSBS7n4BKVTee1BK Vyb70EpPeFUIAUC4AqFCKEZIWy2IloyQZmWW14yk8ewXDPKGLFtMWLahqy20wYWEYaQAAyB+ddC+m8tRregaxO EbmcvqKqhtjP7r8eXz7fZv6bjF4PJ03Wc547PL7tP2+88T6JkFLnCCU+e1PpVSoVOrsaXpDT9acniPu5nt1dH1 lF59nzt3X44zWEW36X0mtrtuFzH0Wp3bnmMvf8AMzt6TPD9e7WrrcM+2XZ7kJxlFShJSi+KaeUzyTcPbHdlnxJ Yqb5sWlQu58xZS5YtKXcxaU57zULaxqpXdaFJPs3dr9iOmGvL0axhz2bMMIvKac9DXtMrzhCneUnKb9VPMX5mp Obce8wxHUaspqMnpqXM4260yUqlM1IiU7LVQSUprL7k+4xOTzbJmZqHZ16xqluHBz3ChVWcYl3MsS667xefJ4e H2m3qhqytQwYaedea5plm5K4vqMJRWXFSy/quJ2x07MvEOWW7Xj5l4q6eaV1rq6V3s7p9WsP3Zyd/ZbKcPfa7Z z6a6e4N21G4qteCiv1z5C0iznzJPXYR4hjHppaNevaXEXyWGWeiz+JhPf4fMPxPGeDXA+i+a9qw1+7tYqEq1dx j+7sqNf0JxxnzC8so8TL3LPpnXjT2emVIL1VjxXvRzy0ap+HTHqN2MVGTc9fpXMHGvdxqRk8uLrcPqzUa8Ym8W J2Z5RWU22f2hpkYpzrwivzJ/wAxUpUNctZ0WP8Aiu/HCnL5E/I7PodFuZOg6ml3UKlF8Hte6Kfs7mefbjj1+0P Tgz2YfrL2aWp14LFanFvmuBwy0Yz4enHg84/aGf8AbCX71CT/ACv5mfbfUt+8j5xY1Nc2r1beXhul8ix039pl1 v1i5p6/X/qope06R0uH24z1mfxDlq63qcotRdKnycafFfE3HTaoYnq9svGrUZ1akqtebl0XFyk8tnqiYiKh5pu ZuWKtVjwY5M09Cz1C/s1GNGvLq49kJcV7Dlnp1595h2w3bMPEu99I7yacZwhTi1jMFx8zlHSYR3h2nqs57JGrO 4ilG9qSxx2uo00Wox/5c7mfklC6ecV674Y4VJfMfh9QnHJhOvdW0d0r2vBLu61/oXjhl/yn5R8vN1TV9QvqcaM 7mr1MHlJPa5e1rt0mvRrwm4hnPZ1lFTLz7a7vrKlKlZ3VWjCTbcYPCydMteGc3lFs455YxWMsHeX0Kkavptzvh xi3VbwX08KrinPO7tlqms6nqi23Nw1T/wAun6sX7cdvvM69GvX+sNbN2zZ+0vLVuksJcPA6uR10ALBOnLdHtKO tXVLHrU5578YwZpXxGAKAwBcAEuQFA7tI1S70m5dayqbXLCnFrMZrxM5Yx121rHKcZuH1+ndLoXrjRuJq1qPsb xtl/u7vecp1RHhv1Mpe5tuHh9bLjyZn8V/JYwrp5bcvzcRM4rWQ6VVvP6DlilSdTUfahyggWLtZPtQ5QcZX0N8 kOZxlkrOXIc4XhK+qvvTJzX01Vm1/COcJwlXQqJYTkvYxyheMtMrTvaNc2eLRUtvA1GTPFzVKG3uNxLMw5pW7b 4otpSejeAspH0x3CymEqPqWxi6PqW0Y0j4Cx8MqMkBUB0KAAoFA9vR0kl5pP1e1XNv3UaksbfZLjjz0eeqMnTD ZOL77o3run699VCLt7tLdKhN5yvuy718H4Hj24Z6+894evTOG3tHaXv8AoMeXkcPV16POh16FHkh6sr7dkrKJP VlY0Qy9DjyXwJ6kr6EKrNckPUk9CD0SPevIeonosJWkS+ozOlrlaeHkajYzOponaZ7F5G42Oc6pc9W12p8OPsO kZuU40Cra8cteR1jNynFpdr4GuacUdt4eReSU1ytvAcimqVt4GrZprdDwLZTB0C21PzTcat1U0LF3FsVSAqkgM tyAKQF3ICqSAyhVcJRnCUozi8x1F4afNNdqV9bpP0qanZU40runTvoLqpVJONT3y7/eveeXPpMMpu0z1a+s2YR U93fP6Rrmo11dC3o81KMpeZI6LXHmWp67Z8Ozp/SBertVlL2xa/8ARfZa/wC099t+oddL6Oaj4Ss7eb+7Xcf5M xPQ4/yajr8v4vasumemVaSdz1tvU747HNe5xRxz6LZE/j3d8Ou1zH5dnT+1mi/6qb8OoqfIz7Td9f7DXvNPxP8 AksKPSzSas9s5VqXKU6bx5ZLPSbY8JHWap8u+WraXC36+d/bQpfblUSRx9PZdV3dvW1zjdxTybnpp0Zo8JatTm /waU6i+MYtHSOn2/Tll1Gnxbk/bTo1WeI6lh/et6sf1idY07Y+HCd2qflpr9JtBnxhqdHHsln4YydMcM4+HLLP CfEsbfpBotSW2Gp22eU5OP64NTjnPwzGWP26ngOmNZ9Otf+6PzMxGX01eLX6dp8/7u7oS/LNM1G0f0zM4tbubV vCqr/i/kb45MXDXWureGMTi8/Z414ylw0boVPWUkzXhm35N1i+0WymW9PvXxFpTLcWyhSBS7hZS7y2UqmLKXeh ZSqaFlG8WlL1hbDrES1o6wWUjqN+AKFOS4qTT9oKbY3deK4XFVL87LZQ724eU7qtx/EYsppdSLe5vL5viTklJ1 kfEWtL1sfH4Cy16yPMWlG+PNCyjdHH8Iso3x5r3CymyFepFepVqRX3ZtFHbbazfW6wqqqLlVW7+vmB6tHpJbyj

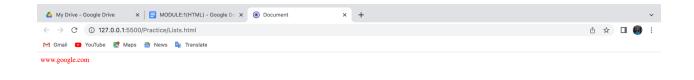


#### How are active links different from normal links?

**Answer:** The difference between active links and normal links is that active links show that the browser is in the process to load a new source and it will turn into red and underline if you click on a link. While normal links are the unvisited links and the color of the

link will be by default blue and underline. You can change the color of active links and normal links as per your choice colors using CSS.

```
!DOCTYPE html>
<html lang="en">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
      text-decoration: underline;
      text-decoration: dashed;
a href="">www.google.com</a>
```



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

**Answer:** The different tags to separate sections of text are as follows:

- 1. <br/>br>: It is used to separate the line of text.
- 2. <hr>: It is used to separate the content and displays a horizontal rule.
- 3. : It is used to separate the sections of text.

#### • What is SVG?

**Answer:** The full form of SVG is Scalable Vector Graphics. It is used to define graphics of the web. It is a language for describing 2D graphics in XML.

#### What is the difference between HTML and XHTML?

#### **Answer:**

HTML	XHTML		
It is a standard markup language for creating web pages.	It is a stricter and more standardized version of html.		
<ol> <li>HTML stands for Hypertext Markup Language.</li> </ol>	2.XHTML stands for Extensible Markup Language.		
3. We can use different technologies like CSS and Javascript to give a new look to the pages developed by html.	3.It have features of XML and HTML both.		
4. The extension used is .html.	4.The extension used is .xhtml,.xht,.xml.		

# What are logical and physical tags in HTML?

**Answer:** Logical tags: The logical tags are used to tell the meaning of the enclosed text.

For example: The logical tag <strong> </strong> tells the browser that enclosed text is more important than the other texts.

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

For example: <b>, <i>, etc.