Assignment

(HTML)

* Are the HTML tags and elements the same thing?

Elements and tags are a lot different. Let’s see what HTML elements and Tags actually are and their differences.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

</head>

<body>

    <div>

       <!--<h2>HTML Tags</h2>-->

        <p> Paragraph Tags - <p> </p></p>

        <hr>

        <p>The above line is due to <hr> tag</p>

    </div>

    <div>

      <!--<h2> HTML ELements</h2> -->

        <p>Everything within tags is HTML Element</p>

        <h1>My First Heading</h1>

    </div>

</body>

</html>

* What are tags and attributes in HTML?

The tags and attributes are within an element. While the elements tell the browser what to display, the attributes define how they will behave.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

</head>

<body>

    <div>

       <!--<h2>HTML Tags</h2>-->

        <p> Paragraph Tags - <p> </p></p>

        <hr>

        <p>The above line is due to <hr> tag</p>

         <!-- foramting tag inline tag-->

         <B></B> <br>

         <i></i>

         <u></u>

         <title></title>

    </div>

    <!-- HTML attributes-->

    <label for="fname">First name:</label>

  <input type="text" id="fname" name="fname">

  <br>

  <source src="horse.mp3" type="audio/mpeg">

</body>

</html>

* What are void elements in HTML?

The void elements in HTML

* [<area>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/area)
* [<base>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/base)
* [<br>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/br)
* [<col>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/col)
* [<embed>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/embed)
* [<hr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/hr)
* [<img>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/img)
* [<input>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/input)
* [<link>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/link)
* [<meta>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/meta)
* [<source>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source)
  + What are HTML Entities?
* < (less than) = **&lt;**
* > (greather than) = **&gt;**
  + What are different types of lists in HTML?

**There are three types of lists in HTML**

* (ul)
* (ol)
* (dl)
  + What is the ‘class’ attribute in HTML?

|  |
| --- |
| <!DOCTYPE html>  <html>  <head>      <style>          .xyz {              background-color: black;              color: white;              padding: 8px;          }      </style>  </head>    <body>      <h2 class="xyz">123</h2>  <h2 class="233">xyz</h2>  </body>  </html>   * What is the difference between the ‘id’ attribute and   the ‘class’ attribute of HTML elements?  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Document</title>  <style>  .xyz{  color: aqua;  }  #hedaer{  color: rebeccapurple;  }  </style>  </head>  <body>  <!-- multiple class -->  <div class="hedaer h1 p xyz name">  home  </div>  <!-- id unique -->  <div id="hedaer">  hedae  </div>  </body>  </html>   * + What are the various formatting tags in HTML? * <b> - Bold text * <strong> - Important text * <i> - Italic text * <small> - Smaller text * <sub> - Subscript text * <sup> - Superscript text   + How is Cell Padding different from Cell Spacing?   **Cellpadding**   * + It is associated with a single cell.   + The default value of cell padding is 1.   + The type of attribute is set to 'cellpadding'.   + <table cellpadding="value" >.....</table>   **Cellspacing**   * + It is associated with more than a single cell.   + The default cell spacing value is 2.   + The type of attribute is set to 'cellspacing'.   + <table cellspacing="value" >.....</table>   + How can we club two or more rows or columns into a single row   or column in an HTML table?  In this example, we will merge two table row and make a single row.   <table>      <tr>       <td colspan="2">&nbsp;</td>       <td>&nbsp;</td>      </tr>      <tr>       <td>&nbsp;</td>       <td>&nbsp;</td>       <td>&nbsp;</td>      </tr>      <!-- This cell will take up space on two rows -->      <tr>        <td rowspan="2">&nbsp;</td>        <td>&nbsp;</td>        <td>&nbsp;</td>       </tr>     </table>   * What is the difference between a block-level element   and an inline element?  **Block Elements**  Block elements always start from a new line.  Block elements have top and bottom margins.  Examples of block elements - <p>,<div>,<hr> .  **Inline Elements**  Inline elements never start from a new line.  Inline elements don't have a top and bottom margin.  Examples of inline elements - <span>,<br>   * How to create a Hyperlink in HTML?   <h1>Links in HTML</h1>    <a href="https://www.google.com">Go to Google.com</a>   <!--<h2>Link to an Email Address</h2>-->  <p><a href="mailto:someone@example.com">Send email</a></p>     * What is the use of an iframe tag?   An iframe, also knowns as Inline Frame, is an element that loads another HTML element inside of a web page. They are commonly used to embed specific content like external ads, videos, tags, or other interactive elements into the page.   * What is the use of a span tag? Explain with example?  1. The <span> tag is an inline HTML element used to apply styles or manipulate specific portions of text within a larger block of content. 2. The <span> tag is much like the [<div>](https://www.w3schools.com/tags/tag_div.asp) element,   but <div> is a block-level element and  <span> is an inline element.   1. The span tag is used for the grouping of inline elements   & this tag does not make any visual change by  <!-- <h2>span tag use</h2>-->    <p>          <span style="color:red;font-weight:bolder">            computer science        </span> portal for        <span style="background-color: lightgreen;">            geeks        </span>.    </p>   * How to insert a picture into a background image of a web page?   <!DOCTYPE html>  <html lang="en">  <head>    <meta charset="UTF-8">    <meta name="viewport" content="width=device-width, initial-scale=1.0">    <title>Document</title>  </head>  <body background="https://images.pexels.com/photos/33109/fall-autumn-red-season.jpg">    <h1>Red Leaf Trees Near the Road</h1>      <h2>Background Image</h2>    </body>  </html>   * How are active links different from normal links?   Normal links are links which are there on the page  and have not been clicked yet. Active links are those  links, which have just been clicked at that instant.   * What are the different tags to separate   sections of text?  We separate a section of texts in HTML using the below tags: **<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 tag is used to write a paragraph of text.   * What is SVG?   SVG stands for scalable vector graphics. It's a web-friendly  vector-based file format used to render two-dimensional  images on the internet.   * What is difference between HTML and XHTML?  ****Difference between HTML and XHTML:****HTML  * HTML stands for Hypertext Markup Language. * The format is a document file format. * Doctype is not necessary to write at the top. * Filename extension used are .html, .htm * Filename extension used are .html, .htm..   **XHTML**   * XHTML stands for Extensible Hypertext Markup Language. * It is extended from XML and HTML. * The format is a markup language. * Doctype is very necessary to write at the top of the file. * Filename extension are .xhtml, .xht, .xml. * What are logical and physical tags in HTML?     **Logical Tags**   * <address> * <pre> * <strong> * <abbr> * <dfn> * <q>   **Physical Tags**     * <b> * <i> * <small> * <sup> * <sub> * <u> * <big> |