**DAY 1**

1. What is element

Self closing tag/void element and empty tag is called element or

An HTML element is defined by a start tag, some content, and an end tag

1. What is attribute

Additional information about tag is defined as attribute or

HTML attributes provide additional information about HTML elements

1. Types of elements

Inline element and block element

Difference between these two are that the block element utilizes the entire space and inline element can be structured as per the necessity

Self closing tag can be called as void element

1. HTML elements can be nested (this means that elements can contain other elements).

All HTML documents consist of nested HTML elements.

The following example contains four HTML elements (<html>, <body>, <h1> and <p>):

1. Types of tags

  <h1>shoaib</h1>

  <h2>shoaib</h2>

  <h3>shoaib</h3>

  <h4>shoaib</h4>

  <h5>shoaib</h5>

  <h6>shoaib</h6>

  <hr />

  <h1>text formatting tags</h1>

  <b>Bold</b> <br />

  <strong>strong</strong> <br />

  <i>italic</i> <br />

  <em>emphasis</em> <br />

  <del>deleted</del><br />

  <mark>mark</mark><br />

  <u>underline</u> <br />

  <ins>insert</ins> <br />

  <small>small</small> <br />

  2nd 2<sup>nd</sup><br />

  h<sub>2</sub>0 <br />

  <abbr title="world health organization">WHO</abbr>

1. Definition of tag

* An HTML tag is commonly defined as **a set of characters constituting a formatted command for a Web page**
* An HTML tag is **a piece of markup language used to indicate the beginning and end of an HTML element in an HTML document**.

**DAY 2**

1. Types of list

Ordered list

Unordered list

Description list

ol – order list

UL – unordered list

Li – list

DOM – document object module

Short keys –

shift+alt+ down key to copy and paste

Alt + LO to open live server

Ctrl and / to enter comment

Tags for order list

<ul type=number>

<ul type=A>

<ul type=a>

<ul type=i>

<ul type=I>

<ol type = circle>

<ol type = square>

<ol type="number">

      <li>HTML</li>

      <li>JAVA</li>

      <li>CSS</li>

      <li>React JS</li>

      <ol type="A">

        <li>HTML</li>

        <li>JAVA</li>

        <li>CSS</li>

        <li>React JS</li>

<ol type="a">

<li>HTML</li>

            <li>JAVA</li>

            <li>CSS</li>

            <li>React JS</li>

            <ol type="I">

             <li>HTML</li>

             <li>JAVA</li>

             <li>CSS</li>

             <li>React JS</li>

            <ol type="i">

                    <li>HTML</li>

                    <li>JAVA</li>

                    <li>CSS</li>

                    <li>React JS</li>

<ul>

<li>Nanded</li>

<li>Bangalore</li>

<li>Hyderabad</li>

<li>Delhi</li>

</ul>

<ul type="Square">

    <li>Nanded</li>

    <li>Bangalore</li>

    <li>Hyderabad</li>

    <li>Delhi</li>

    </ul>

     </ul>

    </ol>

  </body>

</html>

Day 3

Meta data is used to communicate with the browser

Charset- character set

UTA 8 is the approved list of character used to display the content on the page

/ forward slash

\ back slash

< > angle brackets

( ) paranthesis

{ } curly brackets

[ ] square brackets

= assignment

. period

, comma

“ single quotes

“ “ double quotes

‘ back ticks

~ tild

! exclamation mark

& amperstand

* Hyphen

: colon

:semi colon

**DAY 4**

1. Definition of I frame

To show a webpage within a web page

!-- <img

      src="https://www.shutterstock.com/image-photo/software-developers-discussing-about-source-600w-2104693190.jpg"

      alt="Software image"

      height="300px"

      width="300px"

    />

    <img src="./pexels-photo-546819.jpeg" alt="Software image" />

    <img

      src="https://www.shutterstock.com/image-photo/software-update-installation-upgrade-data-600w-433225390.jpg"

      alt="Software image"

    />

    <img src="./pexels-photo-2004161.jpeg" alt="Software" /> -->

    <br /><br /><br />

    <!-- <audio

      muted

      loop

      controls

      autoplay

      preload="auto"

      controlsList="nodownload"

      src="./peaky\_blinders.mp3" -->

      <video

      controls

      src="./Alaska in 8K 60p HDR  (Dolby Vision).mp4"></video>

    ></audio>

    <iframe src="./Table.html" frameborder="0"></iframe>

    <iframe width="560" height="315" src="https://www.youtube.com/embed/bi2OPrRwSTk" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

    <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3549.400553850173!2d78.03995351398693!3d27.17514478301532!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x39747121d702ff6d%3A0xdd2ae4803f767dde!2sTaj%20Mahal!5e0!3m2!1sen!2sin!4v1662829248786!5m2!1sen!2sin" width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-downgrade"></iframe>

<table border="3">

      <colgroup>

        <col style="background-color: cadetblue" span="2" />

        <col style="background-color: green" />

        <col style="background-color: purple" />

      </colgroup>

      <tr>

        <th>Web development</th>

        <th>Course</th>

        <th>Duration</th>

        <th colspan="3">Modules</th>

      </tr>

      <tr>

        <td rowspan="3">Full stack</td>

        <td>Frontend development</td>

        <td>3 Months</td>

        <td>HTML</td>

        <td>CSS</td>

        <td>Javascirpt</td>

      </tr>

      <tr>

        <td>Backend development</td>

        <td>3 Months</td>

        <td>Javascript</td>

        <td>Node JS</td>

        <td>Python</td>

      </tr>

      <tr>

        <td>Database</td>

        <td>2 Months</td>

        <td>Mysql</td>

      </tr>

    </table>

1. Types of tag for tables

* Table
* TR
* TH
* TD
* Border
* Colspan
* Rowspan
* Colgroup
* Col

1. Types of tag for image

* Img
* Src

**DAY 5**

1. **Types of** input for HTML in forms

* **<input type=”button”>**
* **<input type=”checkbox”>**
* **<input type=”color”>**
* **<input type=”date”>**
* **<input type=”datetime-local”>**
* **<input type=”email”>**
* **<input type=”file”>**
* **<input type=”hidden”>**
* **<input type=”image”>**
* **<input type=”month”>**
* **Pending has to be taken by w3schools**

**What are the global attribute**

* **The global attribute are attributes that can be used with all HTML elements.**

**Types of element**

* **Inline element**
* **Block element**

**Inline element**

* **Take necessary width and allow other to be in the same line**

**Block elemet**

* **It takes the entire width of the page and does not allow any element into same line.**

**Semantic HTML element**

* **These elements simply mean, elements with meaning. The reason being, there definition in the code tells the browser and the developer what they are supposed to do. Framing in simpler words, these elements describe the type of content they are supposed to contain.**

**Following is the list of some semantic elements: -**

* **Article**
* **Aside**
* **Details**
* **Figcaption**
* **Figure**
* **Footer**
* **Form**
* **Header**
* **Main**
* **Mark**
* **Nav**
* **Table**
* **Section**

**Non Semantic tags**

* **There are 2 types of non semantic tags, unlike semantic elements they don’t have any meaning.**
* **Div**
* **Span**

**DAY 6**

1. **There are 2 types of anchor tags**

* **\_blank**
* **\_self**
* **Anchor tag is used to create hyperlink**
* **Anchor tags supports src alt and width**
* **<centre> and <border> tags are deleted from HTML5**
* **Anchor tags are used to redirect or navigate to another page/link**
* **Head tag is responsible for browser information**
* **Fontawesome for free fonts**

**Day 7**

1. **What are entities**

* Reserved characters in HTML must be replaced with character entities.
* Some characters are reserved in HTML.
* If you use the less than (<) or greater than (>) signs in your text, the browser might mix them with tags.
* Character entities are used to display reserved characters in HTML.
* **Meter and progress tag can be used to show the progress**