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Day 1, HTML,

**HTML**

* **HTML Tags:**

Tags are the starting and ending parts of an HTML element. They begin with < symbol and end with > symbol. Whatever written inside < and > are called tags.

**Example:**

<b> </b>

* **HTML Elements:**

**Elements enclose the contents in between the tags. They consist of some kind of structure or expression. It generally consists of a start tag, content and an end tag.**

**Example:**

**<b>This is the content.</b>**

**O/p,**

**This is the content**

**Where, <b> is the starting tag and </b> is the ending tag.**

* **HTML Attributes:**

**It is used to define the character of an HTML element. It always placed in the opening tag of an element. It generally provides additional styling (attribute) to the element.**

**Example:**   
  **<p align="center">This is paragraph.</p>**

**o/p,**

**This is paragraph.**

|  |  |
| --- | --- |
| Tags | Details |
| <!DOCTYPE html> | For the HTML file extension.  (Only this tag should be in the 1st line of the code of the HTML file) |
| <html> | It represent root of an HTML document. |
| <head> | It defines the head section of an HTML document. |
| <title> | It defines the title or name of an HTML document. |
| <body> | It is used to define the body section of an HTML document. |
| <h1> to <h6> | It defines heading for an HTML document from level 1 to level 6 |
| <hr> | It is used to apply horizontal line. |
| <p> | It is used to print paragraph in webpage. |
| <b> | It is used to make text bold. |
| <i> | It is used to make text italic. |
| <small> | It is used to make text font one size smaller than document’s base font size. |
| <sup> | It defines a text which represent as superscript text. (10 2) 10 <sup>2</sup> |
| <sub> | It defines a text which displays as a subscript text. (10 2 ) 10 <sub>2</sub> |
| <ul> | It defines unordered list of items. |
| <ol type = “1”> | It defines ordered list of items. |
| <li> | It is used to represent items in list. |
| <br> | It is used to break the line. |
| [<a>](#To_add_imeage_in_the_webpage) | It is used to link webpage or document. |
| <img> | It is used to insert image in webpage. |
| <video> | It is used to insert video in webpage. |
| <iframe> | Imbed (to show other video in our website) / (To link other vedio in our website) |
| <table> | It is used to insert table in our website. |

**HTML Tags,**

Note:

Use HTML entities to print tags in web page. (Use Google to find out entities.)

Use Lorem word to print random paragraph.

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Day 2, HTML,

* **Moving into File location,**
  + **File in the same folder,**

Just write file name.

* + **Moving into the folders,**

Write folder name then slash (/) then file name.

* + **Moving out the folder,**

Use ../

e.g,

Use ../ (out of 1 folder), ../../ (out of 2 folders).

* **To link Webpage (Hyperlink in website),**
  + **To link external webpage,**

<a href = "https://www.google.com" target="\_blank">Google</a>

(target=”\_blank”) this keyword is used to open link in new website.

* + **To link other webpage of same website**,

<a href="hello\_world.html">Home</a> (if file is in same directory)

* + **To link document,**

<a href="Web Development Notes.docx" target="\_blank" rel="noopener noreferrer">Web Development Notes</a>

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Day 3, HTML,

* **<img> tag,**

<img> tag is used to insert image in webpage.

e.g. <img src="Images/love wallpaper for mobile download.jpg" alt="Image didn't load...." width="1500">

* **<video> tag,**

<video src="Videos/Menu meetha bahut pasand hai.mp4" width="500" controls autoplay muted></video>

Attributes of video tag,

* + - autopaly mute (mute attribute need to use with autoplay in chrome.)
    - controls
    - width
    - loop
    - muted
    - poster
* **Video imbed (<iframe> tag)**

Click on share button of video and select imbed option. Copy all code which is given and paste in to html document.

* **<table> tag,**
  + **<table></table>**

It is used to insert table in website.

* + **<thead></thead>, <th></th>,**

Those are used to give heading to the tag.

* + **<tr></tr>,**

It is used to insert table row in website.

* + **<tbody></tbody>,**

It is used to write table’s body in website.

* **<td></td>,**

It **i**s used to write data of table.

* **<th colspan=””></th>,<th rowspan=””></th>,**

These attributes are used to combine rows and columns.

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Day 4, HTML,

* **Web Form,**
  + **Attributes in form,**
    - Method
    - Action

E.g.

<form action=" "> <!--for the form -->

         <h1>Payment Form</h1>

         <p>Required Fileds are followed by \*</p>

         <h2>Contact Information</h2>

         <p>Name: \* <input type="text" name="name" required></p> <!--To input the name-->

         <fieldset> <!-- To group fields-->

             <legend>Gender \*</legend> <!--field name -->

            <p> <!--Radio buttons-->

                Male <input type="radio" name="gender" id="Male" required>

                Female <input type="radio" name="gender" id="Female" required>

            </p>

        </fieldset>

        <p> Address: \*<textarea name="address" id="address"cols="100" rows="8"required></textarea></p><!—Address textbox-->

        <p>Email: \* <input type="email" name="email" id="email" required></p><!--Email-->

        <p>pincode: \* <input type="number" name="pincode" id="pincode" required></p> <!--Pincode-->

        <hr>

        <h2>Payment Information</h2>

<p>

            Card Type: \*

            <select name="card\_type" id="card\_type" required> <!--Selecting card type (for drop down menu)-->

                <option value="">--Select a Card Type--</option>

                <option value="visa">Visa</option>

                <option value="rupay">Rupay</option>

                <option value="mastercard">Mastercard</option>

            </select>

        </p>

        <p>

            Card Number \* <input type="number" name="card\_number" id="card\_number" required> <!--Card no-->

        </p>

        <p>

            Expiration Date: \* <input type="date" name="Exp\_date" id="Exp\_date" required><!--Exp date-->

        </p>

        <p>

            CVV: \* <input type="password" name="CVV" id="CVV" required> <!--CVV-->

        </p>

        <input type="submit" value="Pay Now"> <!--Pay Now button-->

    </form>

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Day 5, HTML,

* **HTML, Structuring a Mega Project,**
  + **Semantic Tag,**

Tags which clearly defines the Content

<h1> ---------------------------------- Used to show important text.

<h6> ----------------------------------- Used to show less important text.

<Nav> --------------------------------- Used to show navigation information of webpage.

<div> -----------------------------------

<span> ---------------------------------

E.g.

