//html 1 hour course.

-> **EDITOR:**

1.froala Editor

2.ULTRA EDIT

3.Visual Studio Code

**task1**:- **vs code download**

->website front end has 3 part

a.html (structure/Layout)

b.css (Style)

c.JS (Logic)

->**HTML(Hyper text markup Language)**

- HTML is the code that is used to structure a webpage and its content.

- The component is used to design the structure of websites are called HTML tags.

->View page source: -

step 1: Go to any random website.

step 2: do right click and select inspect button.

->opening vs code Download live server which has 19.6 million downloads.

- if it is not woorking for you directly try again (restart)

->new folder - HTML TUTORIAL

->new file - index**.html** or **.htm** thus .html is most popular.

->consider index.html as homepage

reason: home page kaise detect karta hain ya index.html hii kyu ?

**jabh server humare browser par render karta hai page ko toh woh detect karta hain homepage ko index.html manta hai but agar index.html file nhi cretate krri hai toh server ko jake batana padega ki yeh file hain yrh meri home file hain.**

- by default programmmers create index.html as a homepage its a good habit.

-by default server index.html hii search karta hai kisi bhi project kei first file ko.

vscode:

1) !

- it will give a html code sample,(known as boiler code) it gives default required code.

**HTML Tags:**

- A Container for some content or other HTML tags.

- code explaination.

- **<!DOCTYPE html>** //tells browser you are using HTML5 **//isme doctype batata hai ki html5 use krrahe hai asaa.**

**<html>**//root of an html document.

**<head>**//container for metadata **//it is useful but that data is not require to display on website.**

**<body>**//contains all data rendered by the browser **//jo data webpage pain dikhana hota hai woh hum body tag mai mention krenge.**

emmet website mein cheetsheet milte hai jisse code fast hojata hain.

pretier code format which is used to get inditiation . inditiation means space jo chodtya hai tag se pheele.

**<meta name="viewport" content ="width=device-width, initial-scale=1.0">** **//it says that website should responsive.**

- if you keep your coursor on head tag it will show MDN reference it will provide detail information tostudy related particular tag.

**-<html>tag is a parent tag of body** and head tag.

-some tags which has no opening or closing tag such as <br>(break line) tag

Comments in html:

//which is not compiled ,in vs or notepad <!-- --> etc.

->it is used to understand.

HTML is not case sensitive:-

**<HEAD> = <head> both are considered as same.**

\*HTML attributes.

1)lang="en" //language attributes en means english // in single as well as double quote.//by default double quotw is used.

**->Heading tag:**

**h1(most imp)** ,h2,h3,h4,h5,**h6(least imp)**

->heading should use to show importance of heading rather than based on size.

->most important than provide big heading least important provide some other heading.

**->Paragraph tag:**

if we add a bigger paragraph and need to scroll horizontally to read the whole paragraph. so for this issue there is a solution,

go in setting and open command palate and search for Toogle WordWrap it will adjust the par in one page.

**->Anchor tag:**

we have to use <a> tag in this href attribute is used it provide navigation purpose **if we want to move from one page to another ankle tag is used.**

- **kisi dusri website ka link**(https://www.google.com/) agar rakhte hai toh usee **absolute link** .

- **lekin khudki website ka dusra webpage pai jana hota hai toh** (/check.html)usko khete hai **relative link.**

(/check.html)yeh jabh dono file ek hii folder main ho

if agar dono file dusre folder mai ho toh (/newfolder/hello.html).

- agar hum asa likhte hain <a href="https://google.com">google.com</a>toh same tab mai hii open karega

agar hum **target attribute use krenge toh new tab main open hoga**.: target="\_main"

**->image tags.**

- used to add images to your page

- syntax:- <img src="/image.png" alt="random image">

- in src we can provide relative or absolute link.

- in alt image kain liye ek alternative name dega.

-height =100 aur width 2 attribute hain jo image ki size ko set karta haii advisible yahi hai ki ek bar ek hii atribute ko set krahe ya toh height ya fhir width., dono ko eksath krte hai toh aspect ratio bhigad jata hain. height,width css kain through hii badalna chaiye..

- image tag ka closing tag nhi hota.

-image ko clicable banasakte hain

script:-

<img src="image ka source net se liya hain." alt="google" height=100>

**<b>**-bold tag,**<i>**-italic tag ,**<u>**-underline tag.

**<big>**-big text matlabh **font size bada hoga uppercase main nhi**.

**<small>**-small text matlabh **font size small hoga lowercase mein nhi**.

**<hr>**-used to **display a horizontal ruler(scale)**, used to **separate content by putting a line between contents** , different section kain bich mei lines chaiye toh woh divide hoga ruler yani ek lambi lines sei.

**subscript tag - normal text ke niche**

<sub>Subscript</sub> - it is used if you want to write formulas for example to designining chemistry related pages formula eg:- H20 etc.

script:- <p>H<sub>2</sub>O</p>

**superscript tag - normal text ke upar**

script:- <p>3<sup>2</sup> = 9</p>

**pre tag**

when we want exact space and next line we provided we use pre tag where html cant ignore the space.

**page layout Techniques: -**

tags are of two types **semantic tag and non semantic tag** , where **semantic tag is easily know by its name** what its use for **eg:-header , main,footer tag**. but **non-semantic tags are difficult to determine its purpose** **eg: - div, span tag.**

-using Semantics tags for layout .header tag , footer tag , main tag should be used.

header tag:-

script:-

<header><pre> <p> education internships </pre></p></header>

footer tag:-

script:-

<footer><h3>contact\_me@gmail.com</h3></footer>

main tag:-

in main tag we will discuss more 3 tags:

1)**<section>**-section tag - when we want to divide our page that here eductin part and then experience part then internship parts and so on.

script:-

<main>

<section> education: PSA </section>

<section> experience </section>

</main>

2**)<article>**-article tag is used for any article on your page.

script:-

<main><article> my story </article></main>

3)**<aside>**-aside tag is used for content aside(ads) of main content.

script:<main ><aside>this is an adds </aside>

->**Div tag**:-(block tag example)

-it is **just like container** it is used for other html elements., it is **one of the non-semantic tag**, by default **div ki height 0 hoti hain agar usme koi element nhi hota**.

**div pura screen ka width leta hai bhale hii jarurat na ho toh bhi** for eg: hello world.

-> inline block ya fhir tag or element jarurat jitni hii jaga leleta hain.

->**span tag** :-

-Span is also a container used for other HTML elements inline elements **(takes width as per size).**

**->List in html:**

**ordered list** -

<ol><li>hi</li></ol>

eg: -1,I,A,a

**unordered list** -

<ul></i>hii</li></ul>

-list ke andhar sublist banasakte hain ,more in mdn references.

**->Table is html**:

tables are used to represent real life table data.

**<tr> used to display table row**

**<td> used to display table data**

**<th> used to display table header**

-script:

<table>

**<caption>Student data </caption>**

<tr>

<th>name</th>

<th>Roll No.</th>

</tr>

<tr>

<td>komal</td>

<td>001</td>

</tr>

</table>

->caption in table: **kiss chij ka table hai asaa.** , <caption>student data </caption> yeh tag table ke andhar use hota hain.

->**thead and tbody in Tables**

**<thead>** - to wrap table head.

**<tbody>** - to wrap table body.

-> **colspan** - **kitne column ki jagha yeh leta hain** ya leine hai . **colspan = 2**

->**<tfoot>** </tfoot> : tag is used for **fotter in table tags**

->**Forms in html**:- forms are used to collect data from the user. Eg :- sign up, login, help requests,contact me.

<form action="jaha\_file\_jayega\_woh\_page\_ka\_name.php"> Form Content </form>

-form content mein:-

<form>

<input type="text" placeholder="type something here">

<label> tag ....

-radio button type main radio rakhna . radio main value alagh aur name same rehta hain.

-><label for="101">

<input type="radio" value="class\_9" name="class" id="101">class 9

</label>

<label for="102">

<input type="radio" value="class\_10" name="class" id="102">class 10

</label>

agar hum yeh script likenge toj radio button kai sath me likhe text uspe bhi click karenge toh radio button select hojyega.

</input>

</form>

->**Class** :- mean group mai divide karna group a & group B

-> **id**:- individual id for each student belonging to any group.

->**checkbox**:-multiple option ko select krwana ho toh checkbox use krsakte hain.

<label for="102">

<input type="checkbox" value="class\_10" name="class" id="102">class 10

</label>

->**textarea tag**: eg:- address,ya feedbox form.,<textarea name="feedback" id="102" placeholder="please provide genuine feedback!." rows=5>feedback</textarea>

->**select tag**:- dropdown ko dikhana hai toh select tag ko use kiya jata hain.

-script:

<select name="city">

<option value = "Delhi">Delhi</option>

<option value = "Mumbai">Mumbai</option>

</select>

->**iframe tag** :- to show website inside website. ,syntax:-<iframe src="link">

**Youtube** - search for anything - **select video** - share - **embedded** -copy iframe tag - **paste in your html page** - save. it will display yt videos.

->**video tag**:-<video src="myVid.mp4">my video</video>

attributes video tag ke :- controls,height,width,loop,autoplay,muted,poster(thumbnail lagana chate hai toh poster atribute use hota hai.)

we can use hear relative as well as absolute link. relative link matlabh pc main jo hain video uski link or absolut link woh link hai jo net se copy krte hai woh link hain.

->boolean attributes:

-script:

<input type="text" required>

<input type="text" disabled>

/// Simplilearn HTML Certification...

<meta charset="UTF-8"> :-

padding:-

hover:-

display:block; :-

position:relative; :-

margin:24px auto; :-

fint awesome.com website to get icons..links..

reason why icon link copied still not working. or showing icon on webpage.

position:absolute; :-

z-index:1; :-

display: flex; :-