HTML Markup langauge

Hyper text markup langauge

CSS Styling langauge

Cascadiing style sheet

JAVASCRIPT Programming langauge

URL -->> Uniform resorce location

Resources might be html pages, video files, fonts, image etc

HTTP -->> Hyper text transfer protocol

HTTPS -->> HTTP with encryption

DOM -->> Document object model

First request from browser to server

GET /index.html HTTP/1.1

Host: [www.codewithmosh.com](http://www.codewithmosh.com)

Accept-Langauge: en-us

Response fron the server to browser

HTTP/1.1 200 OK

Date: 1 Jan 2021 09:00

Content-Type: text/html

<!DOCTYPE html>

<html>

…

</html>

**Things need to remember while using the HTML**

1. HTML is not a case sensitive langauge
2. Browser will remove all the whitespaces from the html so space is not necessory
3. Take a look at
   1. Text
   2. Links
   3. Images
   4. Lists and tables
   5. Container elements
   6. structural elements

Write index.html

<!DOCTYPE html>

<html>

    <head>

        <title>

            My first webpage

        </title>

    </head>

    <body>

    </body>

</html>

Right click on the anywhere in VS editor

Click on open with live server

This will open a new window on the browser and link is http://127.0.0.1:5500/index.html

Add image to html

This will comes into body section

<img scr=”” alt=””>

Here you have to add the sources of the image

Alt is the test if your image not appears then it shows some text there.

To add a paragraps can use

<p> </p>

<!DOCTYPE html>

<html>

    <head>

        <title>

            My first webpage

        </title>

    </head>

    <body>

        <img src="images/yagnik.png" alt="">

        <p>@yagnikpokal</p>

        <p>I am learning HTML</p>

    </body>

</html>

CSS will improve the looks and feel of the websites.

To add a CSS style we can use the

<style></style>

Now let us say we want to reduce the size of the image then

        <style>

            img {

                width: 100px;

            }

        </style>

So the full code will be

<!DOCTYPE html>

<html>

    <head>

        <title>

            My first webpage

        </title>

        <style>

            img {

                width: 100px;

            }

        </style>

    </head>

    <body>

        <img src="images/yagnik.png" alt="">

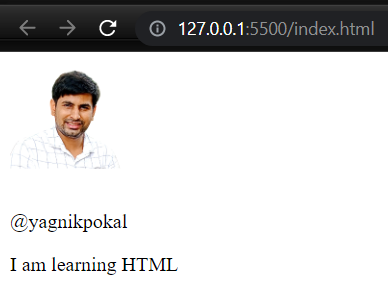
        <p>@yagnikpokal</p>

        <p>I am learning HTML</p>

    </body>

</html>

Result output will be



This image looks like a squere

Now to make this radial from all 4 circle we can use a property called border-radius: 50px;

<!DOCTYPE html>

<html>

    <head>

        <title>

            My first webpage

        </title>

        <style>

            img {

                width: 100px;

                border-radius: 50px;

            }

        </style>

    </head>

    <body>

        <img src="images/yagnik.png" alt="">

        <p>@yagnikpokal</p>

        <p>I am learning HTML</p>

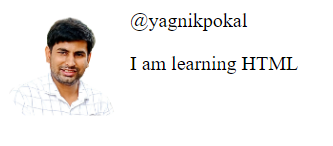
    </body>

</html>



To make these image to left side can use

float: left;



To add a margin in between image and text

margin-right: 10px;

<!DOCTYPE html>

<html>

    <head>

        <title>

            My first webpage

        </title>

        <style>

            img {

                width: 100px;

                border-radius: 50px;

                float: left;

                margin-right: 10px;

            }

        </style>

    </head>

    <body>

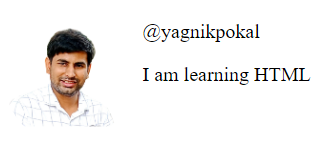
        <img src="images/yagnik.png" alt="">

        <p>@yagnikpokal</p>

        <p>I am learning HTML</p>

    </body>

</html>



To make username bold we have to allocate a class to to user name as below and need to add style as below

<p class="username">@yagnikpokal</p>

            .username {

                font-weight: bold;

            }

So the final code will be

<!DOCTYPE html>

<html>

    <head>

        <title>

            My first webpage

        </title>

        <style>

            img {

                width: 100px;

                border-radius: 50px;

                float: left;

                margin-right: 10px;

            }

            .username {

                font-weight: bold;

            }

        </style>

    </head>

    <body>

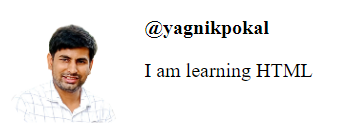
        <img src="images/yagnik.png" alt="">

        <p class="username">@yagnikpokal</p>

        <p>I am learning HTML</p>

    </body>

</html>



To check the HTML source code we can upload that file to the below link and it will give you error.

<https://validator.w3.org/>

To check the CSS validation

[https://jigsaw.w3.org/css-validator/](https://jigsaw.w3.org/css-validator/" \t "_blank)

Referance

<https://www.youtube.com/watch?v=qz0aGYrrlhU>

How to get a basic HTML template in VS?

Press ! then enter it will gove basic html template as below

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

</head>

<body>

</body>

</html>

Can add a keywords and descirption as below

    <meta name="keywords" content="semiconductor, chips, webdevelopement">

    <meta name="description" content="This is all that what website is about">

Shortcut to add the meta and other things

Can type meta in new line and select the what we have to write then it eill write all things automatcallyt.