**Html**

Two type of elements 1 normal one and 2 special

Subclosing tags <img/>

HTML Semantic: refers to the idea that all your html for more info below,

<https://internetingishard.com/html-and-css/semantic-html/>

validating the html the tools: validator.w3.org

html tags should have two children

1. Head /head is information about the webpage or any information that webpage need
2. 2 body /body

And the relationship between head and body is siblings

The html elements of one attributes

<sub> </sub>

<sup> </sup>

<i></i> <em> </em> both are emphasized the font

<b> </b> <strong></strong> is the make the fond bold

<small></small> <larg></large> is as the meaning

<img src=”/cat.jpg” // the first/ mean absolute file path for the file which should be located near html related file

<form>

<label for=” first name”>first name: </label>

<input type=”test name=”First name” />

Homepage: the page where you start or you find everything on it

Index.html :

<nav></nav> is navigating our webpage to each other or the page we ling them with homepage

HMTL Specail Character Code: is below link

<https://www.rapidtables.com/web/html/html-codes.html>

**definition list** is <dd> and <dt>definition <dl>

<figure> is a image

<figcaption> is the detail for the image which we used it through <figure>

Table

There is kind o tables and there are below, and we two section 1 is <thead> 2 <tbody>

Tr table row

Td table date

Th is for =>Thead =table head

Tbody =>table body

table

thead

tbody

th

td

tr

link

active

hover: is whne you bring your mouse on the it

visited: once you vsisted that page the color of the page will be different with other pages you haven’t visted yet

**CSS**

Selector {

Property-name: property value;

}

Block-level elements will by default take up the entire line, unless forced by the width

W3.org/style/example

Pexels.com free website for free photo use for noncommercial use

/\* comment \*/ in css

3:2

4:3 is the common size of the photos

Margin-left, margin-right, margin-top, margin-bottom and margin px

<https://fontawesome.com/>

Padding-left, padding-right, padding-top, padding-bottom and padding px

Border-style: soild;

Border-color: blue;

Border-width: 4px;

Border-radius: px

Color: blue;

Font-size 30px;

Font-family: name of the font

**<div></div>** is grouping lots of elements

**&copy** will show copyright symbol

The validator for css is w3.org for css

Adaf

Css reset

Css normalize

Inline element don’t have width and height but if you add like block

**Overflow:** hidden;

<div></div> is a container

Selector. Specificity value

Ids classes. elements

1 0 1

<span></span> Spain elements are which selecting from p tags special

How to put YouTube video on website not in as our server

YouTube=> share=>embed=>copy the code and past it to your code

**Mozilla for developers**

1. To control the size of each properties you need force it with correct width and height and that applying in css style elements

**! important;** it is overwriting whatever you apply if you it is fond if it is color on rule.

For example for font

\*{

Font-family: “Monaco” !important;

}

<footer></footer>

We use . (dot ) for class to specify it

Direction ltr;

Direction

**Reset css**

**<link rel=”stylesheet” href=”reset.css” />** it reset all the style elements in our webpage to default style and elements.

<html lang="en">

<head>

<title>Layout</title>

<style>

body {

background-color: gray;

background-image: url("raised-building-frame-169647.jpg");

background-size: cover;

background-repeat: repeat;

}

#header h1 {

color: red

}

#header {

background-color: chartreuse;

color: blue;

padding: 15px;

}

#main {

color: purple;

width: 480px;

height: 600px;

border: solid 6px black;

border-radius: 50px;

margin: 25 auto;

padding-left: 0;

background-color: peachpuff;

}

#main div {

border-radius: 15px;

height: 100px;

background-color: yellow;

margin: 0 auto 10px auto;

width: 75%;

overflow: auto;

}

#main div:nth-child(1) {

margin-top: 20px;

}

#main div P {

color: white;

font-size: 30px;

}

#main .odd {

background-color: powderblue;

}

#main .even {

background-color: rebeccapurple;

}

p {

color: skyblue;

}

#footer p {

color:red;

}

#footer {

background-color: green;

width: 200px;

height: 200px;

margin: 0 auto;

border: solid 5px black;

}

#footer h6 {

color: white;

}

#footer div h6{

color: orchid;

}

#footer

#food-list{

list-style-type: none;

background-color:yellow;

text-align:center;

width: 700px;

}

#food-list li {

display: inline-block;

background-color: yellowgreen;

margin: 10px auto;

padding: 10px;

}

#video {

}

</style>

</head>

<body>

<!-- HTML5 version is <header></header>-->

<div id="header">

<p> This area is the first div.</p>

<h1> This is the header for h1 </h1>

</div>

<!-- HTML5 version is <main></main>-->

<div id="main">

<div class="odd">

<p> This area is the second div also main.</P>

</div>

<div calss="even">

</div>

<div Class="odd">

</div>

<div class="even">

</div>

<div class="odd">

</div>

</div>

<!-- HTML5 version is <footer></footer>-->

<div id="footer">

<p>&copy; 2020 Sami Ahmad</P> <!-- if you want to apply properties only in Sami

you can use <span></span> or you can add id like id="myanme"-->

<h6> This is the how it shows</h6>

<div>

<h6> This is really tiny text! </h6>

</div>

</div>

<ul id="food-list">

<li>Sushi</li>

<li>Cat Food</li>

<li>Cheese</li>

<li>Donouts</li>

<li>pupusas</li>

<li>Hambureger</li>

<li>Fried</li>

<li>steak</li>

<li>Kabab</li>

</ul>

<div id="video" > <!-- if you want your video in the center we need calculate

the width and height and px corectly otherwise it not working -->

<iframe width="560" height="315" src="https://www.youtube.com/embed/ZdOmCSmI4X0"

frameborder="0" allow="accelerometer; autoplay; encrypted-media; gyroscope;

picture-in-picture" allowfullscreen></iframe>

</div>

</body>

</html>

**Flexbox** is make row and generally control all the items on that row

And splitting free spaces

[medatech@medasf.org](mailto:medatech@medasf.org)

subject: repositories sami

contain: git url the link

css tricks => a complete guide to flexbox

for flex-direction !-- for column we need remove the height and instead add width -->

css

background

border

rext-align

font-family: arial

color

<https://www.smashingmagazine.com/category/user-experience>

typograghy is improving web designing

**the most common website for images are:**

**JPEG:** one of most common with highly compressible

**GIF**: limited with 256 colors but supports animation

**PNG:** one of the option export to victors and most transparent

**JavaScript**

The first data type in javascript is numbers

Console log is the debugging tools,

Javascriot datatype is shown in green color

Function

String: all string are covered by “” and ‘’ we can not do math on strings or “”

The Boolean datatype is false and true

**Customized functions:**

**Functions** are do things

Console.log ();

math.round ();

math.floor ();

math.ceil ();

math.random ();

**a** function that belongs to a class (“library”) is called a “Method”.

**Variable** holding things and hold only one value and when the new value is coming the old value is destroying

**Var** means we defining and declaring the variable or making a variable to exist in our computer.

**A** variable that belongs to a class (“library”) is called a “property”.

Function nameOffFunction () {}