Phase 4 : Web Application

Total number of days 7

HTML

CSS

Basic JavaScript : Self learning

Adv JS

Typescript and Angular Framework : : live session

HTML :

https://[www.google.com](http://www.google.com) : URL : Uniform Resource Locator

hyper text transfer protocol

www :; word wide web

google : domain name

commercial application

---------🡪 req(http/https)---------------------------------🡪

Client Server

🡨---------res(http/https)---------------------

HTML :

HTML : Hypertext markup language : HTML is use to create the web page. HTML provided lot of pre-defined tags.

Syntax

<tagName> opening tag

</tagName> closing tag

VSCode

Html tags

Html

Head

Body

P

Heading tag h1 to h6

H1 is largest

H6 is smallest

Attribute : attribute is known as properties of tags.

We can use attribute in the opening tag in the form of key-value pairs.

<tagName name=”value”></tagName>

Font tag : This tag is use to change the color, style and size.

Hyper link : this tag is use connect one page to another page.

Syntax

<a href=”pageName.html”></a> a means anchor tag and href means hyper reference.

To add the images

<img src=”imageName”/>

List tags :

This tag is use to display list of items in property order.

Unorder list

Order list

Table tag

<file:///D:/Desktop/Java%20Full%20Stack%20may%202022%20Batch%202/Phase%204/Programs/HTML%20Programs/application.html>

<file:///D:/Desktop/Java%20Full%20Stack%20may%202022%20Batch%202/Phase%204/Programs/HTML%20Programs/application.html?fname=Raj&lname=Deep&gender=male&hobbies=Reading&hobbies=Playing&city=Bangalore&dob=2022-08-02&add=RT+Nagar+%0D%0A>++++++++

CSS : Cascading Style sheet :

CSS provided lot of pre-defined properties and values which help to apply formatting style for the web page.

With help of CSS we can achieve separation of concern means actual content and formatting style we can write separately.

Types of CSS

1. Inline CSS
2. Internal CSS or embedded CSS
3. External CSS

Inline CSS

Syntax

<tagName style=”property:value;property:value”></tagName>

This is good if we are planning to apply formatting style of few tags.

Internal or Embedded CSS

<style type=”text/css”>

Selector {property:value;property:value;}

</style>

This tag we have to write in between head tag.

Types of selector

1. Universal selector : \* means all tags : \* {property:value;property:value;}
2. Specific selector : tagName p {property:value};
3. Local class selector : tagName.className{property:value}
4. Global class selector : .className{property:value}
5. Id selector

Class selector Vs Id selector

Two tags which have same name or different name belong to same class. Class attribute groups of the tags.

But to make unique ness between two tag we have to use id. So id must be unique when tag have same name or different name.

<p class=”abc” id=”p1”>This is first para tag</p>

<p class=”xyz” id=”p2”>This is second para tag</p>

<h1 class=”abc” id=”p3”>This is h1 tag </h1>

<p class=”abc” id=”p4”>This is third para tag</p>

<h2 class=”abc” id=”p5”>This is h2 tag </h2>

<p class=”xyz” id=”p6”>This is fourth para tag</p>