08-10-2020

Phase 4

Html, CSS, JS using ES5 and ES6, bootstrap

Typescript and Angular Framework

https://[www.google.com](http://www.google.com) -🡪

req(http)------------🡪

Client server

🡨-----------res(http/https) html or html5

Html : hypertext mark up language which help to create the web page. Web page can be static or dynamic.

Html provided lot of pre-defined tags which help to create the web page.

Html is not a case sensitive.

<tagName> opening tag

</tagName> closing tag

Html, head, body, title, p, heading tag h1 to h6, font tag etc.

IDE : UI VS Code

Attribute : attribute is known as properties of a tag. We can use attribute in opening tag of html page in the form of key=value pairs.

In HTML4

<!doctype HTML public url =<http://www.sasdfasdsafasfasfddf.dtd>/>

Document type definition

Inside this file they written the rules.

1. Root tag name ie html
2. Which contains two child tag ie head and boy
3. Inside head we can write title, style, meta, script tag
4. Inside body we can write more than one p, div, span, etc.

In html 5 they remove this rules and they introduce new tags to make html dynamic

<!doctype HTML/>

Hyperlink : this tag is use to connect one page to another page.

<a href=”pageName.html”>Text</a>

Anchor

Href : hyper reference

List Tag :

Unorder list

Order List

Definition List

CSS : Cascading style sheet

CSS provided lot of pre-defined properties which help to apply formatting style for web page as well as 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

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

Internal or embedded CSS

This tag we have to write in between head tag.

<style type=”text/css”>

Selector {property :value}

</style>

Types of selector

1. Universal selector : \* all tags
2. Specific selector : tagname
3. Class selector
   1. Local class selector tagName.className{property:value}
   2. Global class selector .className{property:value}
4. Id selector #idName{property:value}

<p class=”abc” id=”a1”>1st para</p>

<p id=”a2”>2nd para</p>

<div id=”a3”>1st div</div>

<p class=”abc” id=”a4”>3rd para</p>

<h1 class=”abc” id=”a5”>1st h1</h1>

<h1 id=”a6”>2nd h1</h1>

class : collection or groups of tags which have same name or different names.

Id : using id we have tag is unique which have same name or different name.

Bootstrap : it is an external open source CSS responsive web framework which provided lot of pre-defined css classes which upon the html tags.