Testing :

Jasmine and Karma

Cucumber

Angular routing

Angular binding

Frontend technologies

https://[www.google.com](http://www.google.com) -🡪 URL (Uniform resource locator)

req(http/https)---🡪

Client Server

🡨-----Res(http/https) html

Html 1,2,3,4,5

Css (cascading style sheet)

JS

Static web page / dynamic web page

<tagName>

</tagName>

DOM : document object model

Index.html

Dom hierarchy

Html

Head body

Title div content (textNode)

Meta

Script

Style

Types of css

Inline css

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

P,h1,h6,div,span,body etc

Internal css

<style type=”text/css”>

Selector{property:value}

</style>

1. Universal selector : \*
2. Specific selector : tagName{property:value}
3. Class selector
   1. Local class selector
   2. Global class selector
4. Id selector

Class selector vs id selector

<p class=”abc” id=”a1”>first</p>

<h1 class=”abc” id=”a2”>second</h1>

<p class=”xyz” id=”a3”>third</p>

<p class=”abc”>fourth</p>

<p class=”xyz”>fifth</p>

Class : means group of the tags which have same name or different names.

Id : ever tag we have to provide unique id which help to read, write and update dom using javascript.

External css

Every tag

We have attribute as

Name, class, id, style

<input type=”radio” name=”gender” value=”male”/>

<input type=”radio” name=”gender” value=”female”/>

Bootstrap is open source css responsive web framework.

Bootstrap provided lot of pre defined classes base upon dom element to apply formatting style for web page.

Like

Button classes

Form classes

Table classes

Container div tag

Alert classes

Etc

Grid layout :

It is use to arrange the html component in table format using row and column

By default in grid layout every row divided into 12 columns.

JavaScript

JavaScript was object based interpreter scripting language. JavaScript was/is use to do validation on client side.

ECMA or ES . ECMA is a concept. JavaScript is a one of the implementation of ES

ES5 JS.

Now a day we can do validation using javaScript as well as html 5 features.

<input type=”text” name=”emailid” required/>

MEAN Stack or MERN Stack or node js

Using JavaScript we can do programming on web page without server.

In JavaScript we can declare the variable using var keyword

let and const

till ES5 javascript to declare the variable we are using var keyword but from ES6 onward to declare variable we can use let as well as const.

operator

if statement

looping

function