Javascript

* CoreJavaScript (ECMA Script) Language and API
* (Traditional) Browser Object Model (BOM) API (non-standardized)
* Window (browser), Navigator, Screen, Location (current url), History.
* Document Object Model (DOM) API
* Node, Document, Element, Type, DocumentType, Comment, etc.
* Event, EventTarget, EventListener – handling events
* CSSStylesheet, CSSRule
* Miscellaneous JavaScript Web API
* Geolocations, IndexDB, Local Storage, Push Notification, Service Workers, Web Socket, Web Workers, XMLHTTPRequest(AJAX), etc.

DOCUMENT OBJECT MODEL (DOM)

* API that allows access to the HTML document form within scripts associated with the web page.
* Even the text nodes exist
* Static resource
* A parsed HTML document is represented by a DOM tree, which contains nodes representing elements, element attributes, textual content, and other HTML document component. (e.g. DOCTYPE, comment, etc)
* Accessed via the document object property of the global window object.

doctype element

element element

text

FUNCTIONALITIES

* Retrieve references to nodes (node collection) of DOM
* getElementId()
* getElementByTagName(), getElementclassName(), getElementByName()
* querySelector, querySelectorAll()