**DOM (Document object Model)**

---it is a programming interface in web development that allows us to interact and manipulate(change) the html documents.

When the webpage is loaded, the browser creates the D OM of the webpage.

When an html file is loaded into the browser, the javascript cannot understand the html document directly.

**DOM:** Dom is basically the representation of same html document but in a tree-like structure composed of objects.

HTML dom it allows javascript to access(to get) and modify all the elements in HTML document

**Keypoints:**

1.Structure: The Dom represents the structure of HTML document as tree ; Each node in a tree represents the elements , an attribute ,text

2.Manipulation: using javascript, you can interact with elements(buttons,h,p), we can modify,add, remove elements

Change styles;

3.Event Handling :

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--in DOM all html elements are defined objects

Property: is a value that you can set to the objects (like changing content of an html element)

Method: an action (like add or delete)

Methods of Document Object:

1)getting an element by id

2)getting an element by class

3)getting an element by tagname

4)getting an element by query selector