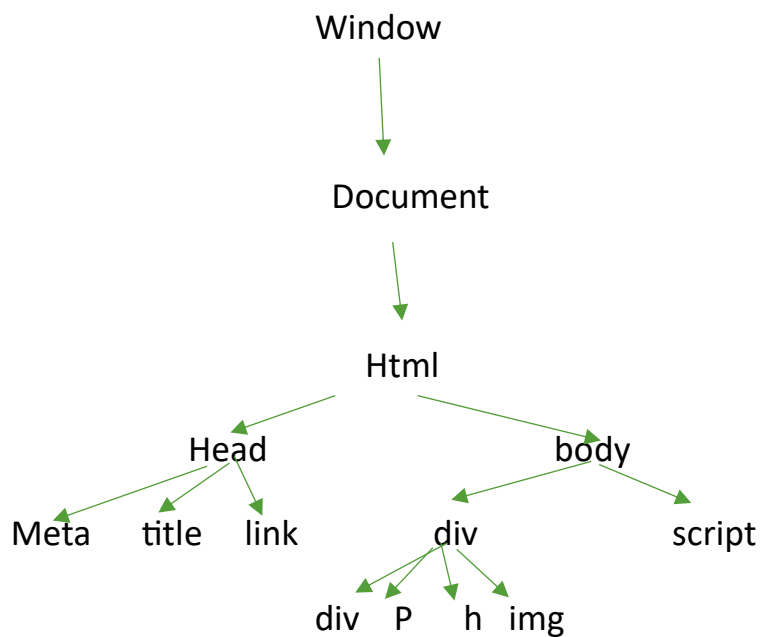# DOM :-

WINDOW OBJECT :

The window object represents an open window in a browser. It is a browser's object (not javascript's) & is automatically created by browser.

It is a global object with lots of properties and methods.

DOM :

When a web page is loaded, the browser creates a document object model of the page.

```
                    Window
                       |
                       v
                   Document
                       |
                       v
                     Html
                    /      \
                 Head      body
                /  |  \    /     \
            Meta title link div    script
                          / | | \
                        div P h img
```

DOM MANIPULATION :

Selecting with id:

Document.getElementById("id");

Document.getElementByClassName("class")

Document.getElementByTagName("p")

Document.querySelector("tagorid or class name");

Document.querySelectorAll("tag or id or classname");

tagName   ->returns tag for element nodes

innerText   ->returns the text content of the element and all its children

innerHTML   ->returns the plain text or HTML contents in the element

textContent   ->returns textual content even for hidden elements

Attributes :

getAttribute(attr) :- to get the attribute value

setAttribute(attr,value)   :-to set the attribute value

style :

node.style

```
1    console.log(window)
2    console.log(window.document)
3    console.log(document.head)
4    Let a=document.querySelector("div");
5    console.log(a)
6    Let b=a.getAttribute("id");
7    console.log(b)
```

```
▶ Window {window: Window, self: Window, document: document, name: '', location: Location, …}
▶ #document
▶ head
▶ div#srm
  srm
>
```

Document.createElement("div")

 Node.append(el)   //adds at the end of node

Node.prepend(el)   //adds at the starts of node

Node.before(el)   //adds before the node

Node.after(el)   //adds after the node

Node.remove()   //remove the node