

Day30(selectors of 5types , getAttribute , setAttribute , innerHtml , innerText , textContent , setInterval , carousel)

Friday, 21 April 2023 7:38 PM

DOM



DOM : DOM JS object ki help se HTML ko change karna.

kis cheez ?

document

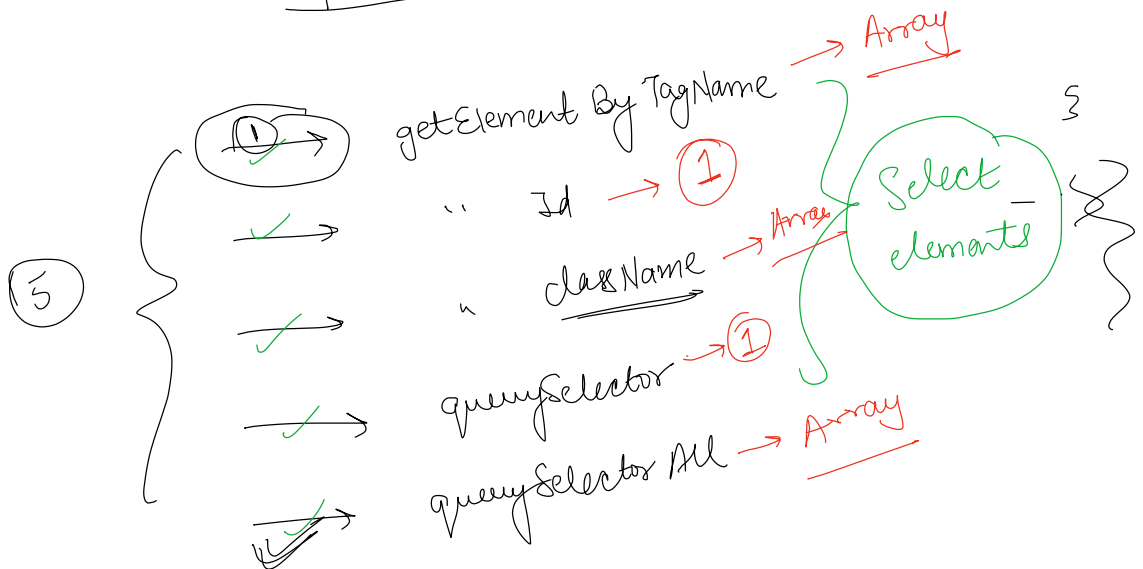
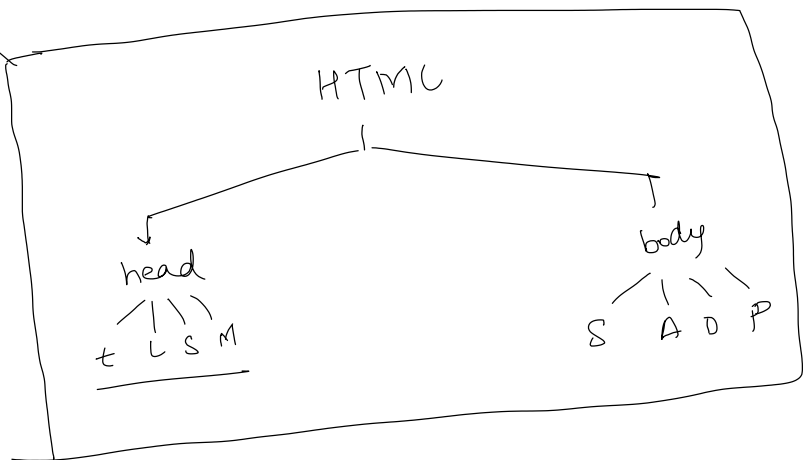
poora Ka
poora
HTML

Browser?

Selector

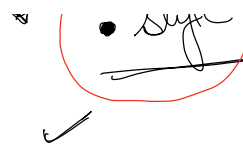
5

document object represent the entire HTML code



getElement By TagName → returns an Array





- background color
- fontSize
- fontWeight
- border

returns the first element which is found out of multiple id element.

getElementById → single element is returned

getElementsByClassName → Array return

HTMLCollection

(you cannot use push | pop in this way)
yoad yoad

querySelector

- element : h1 ✓
- class : . ✓
- id : # ✓

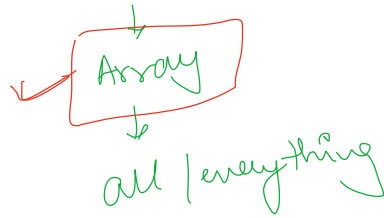
→ it always returns 1 single element.

querySelectorAll

- tag
- class
- id

• time NodeList

it returns array



Some Properties of HTML elements

- ① innerText ✓
 - ② textContent ✓
 - ③ innerHTML ✓
- Interview

innerText:

tag → and all → text

- innerText (CSS samaghdare) → it gives the text inside that tag.
- textContent (Nasan) → It gives the text inside the tag.
- innerHTML (aware of CSS) → Bhuddhu (Nasamagh aware X CSS X)

innerText takes care about the CSS while the textContent not take care about the CSS

innerHTML

returns text + tags (information | attribute)

③ → (data or text) (get) → getter

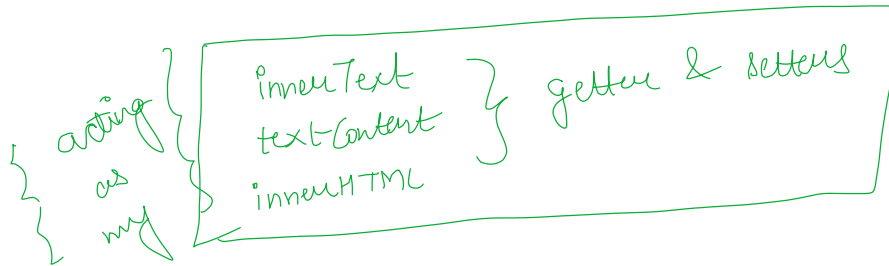
③ → (data or text) (set) → setter

These three properties will be used as getter and setter for an HTML element.

Most suited →

innerHTML

★ ★



Attributes Manipulate

eg: `Go to Google `

attribute

get? ✓ yes

(getAttribute) → 1 arg

to fetch the text/property of an attribute.

(setAttribute) → 2 args

to set an attribute

(attribute, value)

JS →

① setTimeout() → Delay

② setInterval() → repeat after a particular interval

→ setInterval (function() { } , 3000)
 ✓ ✓
repeat again & again

setInterval?
 get/set?
 selectors?
task:

Practically:
 (4/5 images)
carousel (Bootstrap)

Practically
carousel? ①: after every 3 seconds
 I want to change
 my slide/images?
(repeated)

⑤
 0 1 2 3 4 5 6 7 8 9 10 ---
 num = num + 1

5 images
 num 0 1 2 3
 1pic 2pic 3pic 4pic

$$\begin{array}{lcl} 0 \% 5 & = & 0 \\ 1 \% 5 & = & 1 \\ 2 \% 5 & = & 2 \\ 3 \% 5 & = & 3 \\ 4 \% 5 & = & 4 \\ 5 \% 5 & = & 0 \\ 6 \% 5 & = & 1 \end{array}$$

loop

$\%$ modulus
(remainder)