

Lecture 22  
16/2/23

JS - DOM

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## \* Window Object

- Window is a global Object.
- Represented by Browser window.
- Window have - DOM, BOM, JS CORE

## \* DOM

- Document Object Model
- JS Convert all the code in JS Object is called DOM.
- `console.log(document, body)`  
∴ prints body.

## \* BOM

- It allows browser to communicate with browser, other than content.
- Example → `alert()`

## \* Fetch Element in JS

- ① `document.getElementById()`
  - It returns a single object
  - It is called on document

- ② `document.getElementsByClassName()`
  - Return multiple Object.

- ③ `document.getElementsByTagName()`
  - Both method (class & tagName) use document object
  - Both return multiple Items



→ The list return is not an Array.

\* \$0

Returns the most recently selected element or JavaScript Object.

(5) querySelector()

(5) querySelector() → we can give className by . and id name (#), tagName.

C It return single Object

(6) querySelectorAll()

→ It return multiple objects.

### \* Update Existing Content

→ innerHTML  $\left\{ \begin{array}{l} \text{get/set content} \\ \text{fetch all descendents} \end{array} \right.$

→ Outer HTML

→ .textContent } get/set textContent  
 → .innerText }

→ innerText

↳ hidden element not present  
hidden element present.

\* Adding New Element/Content

→ , CreateElement(elementName);  
and append it by →

parent.appendChild(newEle);  
It always add in last.



## \* Insert Adjacent HTML

Insert mode at specified position.

- Can be inserted at 4 position
- (i) before begin (ii) after begin
  - (iii) before end (iv) after end

// before begin

<p>

// after begin

<div> — <div>

// before end

</p>

// after end

This is  
all for  
p tag

## \* Remove Element

- Use `removeElement()`
- Opposite of `appendChild()`
- parent Element
- The child element to remove

## \* Changing CSS Style

- (i) `.style` (ii) `.cssText` (iii) `.setAttribute()`
- (iv) `.className` (v) `.classList`

### \* style

change 1 It styles only element at a time

### \* cssText

- add multiple CSS Property in a one line.

Ex → `ele.style.cssText = ' ';`