**All DOM selectors NodeList and HTML Collection**

***To target an Element***

* **document.getElementById(parameter)** 🡪 Return those element || we can also store this in a variable

and we can also change the style of the element by using the variable name.

* **document.getElementById(parameter).id** 🡪 Return value of ID
* **document.getElementById(parameter).className** 🡪 Return class Name
* **document.getElementById(parameter).getAttribute(‘class’)** 🡪 Return class attribute name of given key
* **document.getElementById(parameter).getAttribute(‘id’)** 🡪 Return id attribute name of given key
* **document.getElementById(parameter).setAttribute(‘class’, ‘test’)** 🡪 change the attribute name with given name. **ex** now class name will be **test**
* **document.getElementById(parameter)** 🡪 Return those element || we can also store this in a variable

and we can also change the style of the element by using the variable name.

let’s, the variable name is **“title”** **title.style.backgroundColor = ‘green’**

* **title.textContent** 🡪 return name of the title or text of the title.
* **title.innerHTML** 🡪 return name of the title or text of the title.
* **title.innerText** 🡪 return name of the title or text of the title.

**Although, every one return same value, but if we apply <innerText> it will show us only visible text, but if we apply<innerContent> it will show us all the hidden text which have been hidden by CSS. <innerHTML> return full HTML user inside title.**

* **document.querySelector('h1')** 🡪 return the tag and class about the query but only first occurrence.
* **document.querySelector('#id')** 🡪 return the ID, in case of ID we have to use (#)
* **document.querySelector('.class)** 🡪 return the info. About class, in case of CLASS we have to use (.)
* **document.querySelector('input[type = “password”]’)** 🡪Here we can also target any type of attributes (ex >> list, input)

**NodeList and HTML collection is not pure array**

**document.querySelectorAll(“attribute”) 🡪** This return all the list of given attribute

querySelectorAll, returns nodelist so when we target any attribute we have to mention the iteration.

Ex -> const myH1 = document.querySelectorAll(“h1”) //here we have choose the (h1) attribute

**myH1[0].style.color = “green” //we have to mention which (h1), here we have chosen 1st (h1)**

* **Array.from(nodeList name) 🡪** convert any datatype into array

Use when we convert Nodelist into Array.