

HTML Element Selectors

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GETS	SELECTOR SYNTAX	METHOD
→ ID	#NAME	getElementById()
→ CLASS	.NAME	getElementsByClassName()
→ Tag	NAME	getElementsByTagName()
→ Selector (single)		querySelector()
→ Selector (all)		querySelectorAll()

→ DOM Selector is used to selecting HTML elements within a document using JavaScript. There are two types of a selector, i.e., single element selector and multiple element selector.

1) Single element selector:

→ It is used to select single HTML elements within a document.

Ex: → `getElementById()`

`let x = getElementById("id")`

Now, we can extract info. from x like this:

`x.className;`

`x.childNodes;`

`x.parentNode;`

`x.innerText;`

`x.innerHTML;`

`x.style;`

And we can change these as well.

eg. `x.style.color = "green";`

Ex → `querySelector()`:

It will return the first element that matches the specified CSS selector in the document. The `querySelector()` method only return the first element that matches the specified selector.

e.g.

→ `DOCUMENT.QUERYSELECTOR('#MYCLASS');` // to select by ID.

→ `DOCUMENT.QUERYSELECTOR('.MYCLASS');` // to select by class.

→ `DOCUMENT.QUERYSELECTOR('LI');` // to select by tag name.

2) Multiple Element Selector:

→ It is used to select multiple HTML elements within a document. There are three ways in which we can select elements in a DOM using multiple element selectors.

→ `QUERYSELECTORALL()`

→ ~~GET~~ `GETELEMENTSBYIDNAME()`

→ `GETELEMENTSBYCLASNAME()`