

DOM Introduction:

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Document Object Model

HTML DOM:

- * The Document Object Model represents the whole html document.
- * When a web page is loaded, the browser creates a Document Object Model of the page.
- * Document Object Model is the root element of the HTML document. It defines,
 - * Properties.
 - * Methods.
 - * Events.
- * By the help of Document Object Model, we can add dynamic content to our web page.
- * `<button type="submit" onclick=myFunction()></button>`
 - * type is called as a Attribute.
 - * onclick is called as a Event.
 - * myFunction() is called as a Method.
 - * button is called as a Element.

DOM:

- * Document: XML File, HTML File.
- * Object: `<h1></h1>`, ``, ``
- * Model: Structure.
- * DOM Tree Structure.

What can we do with the DOM?

- * We can add new HTML elements and attributes.
- * We can change all the HTML elements, attributes and CSS styles.
- * We can remove existing HTML elements and attributes.
- * We can create a new HTML events.

HTML DOM METHODS & PROPERTIES:

DOM METHODS:

- * getElementById
- * getElementByClassName
- * getElementByName
- * getElementByTagName
- * querySelector
- * querySelectorAll
- * addEventListener
- * getAttribute
- * setAttribute
- * Etc...

DOM PROPERTIES:

- * innerHTML
- * innerText
- * classList
- * className
- * tagName
- * firstChild
- * firstElementChild
- * lastChild
- * lastElementChild
- * Etc...

DOM EVENTS:

- * onclick
- * onload
- * onchange
- * onmouseover
- * onmouseout
- * onmouseup
- * onmousedown
- * Etc...

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