

DOM → Document Object Model :

→ We can access the document content and modified it is called the Document Object Model, or DOM. The objects are organized in a hierarchy.

→ The window object is at the top of the hierarchy. The second one is the document object.

The HTML document that gets loaded into a window becomes a document object. The third one is the forms. Everything enclosed in the `<FORM>...</FORM>` tags sets the form object. And the last one is the Form control elements. The form object contains all the elements defined for that object, such as input fields, buttons, radio buttons, and checkboxes.

→ The DOM is a tree-like representation of the contents of a webpage. It is a tree of "nodes" with different relationships depending on how they are arranged in the HTML document.

→ DOM Properties:

→ With the Document Object Model (DOM), we can create and build documents, add, modify, or delete elements and content. Anything found in an HTML document can be accessed, changed, deleted, or added using the Document Object Model, with a few exceptions. The syntax for accessing the DOM properties is:

DOCUMENT.PROPERTY NAME

PROPERTY	DESCRIPTION
→ DOCUMENT. ANCHORS	→ It will return all <a> elements that have a name attribute.
→ DOCUMENT. BASEURI	→ It will return the absolute base URI of the document.
→ DOCUMENT. BODY COOKIES	→ It will return the document's cookie.
→ DOCUMENT. BODY	→ It will return the <BODY> element.
→ DOCUMENT. DOCTYPE	→ It will return the document's doctype.
→ DOCUMENT. DOCUMENT ELEMENT	→ It will return the <HTML> element.
→ DOCUMENT. DOCUMENT MODE	→ It will return the mode used by the browser.
→ DOCUMENT. DOCUMENT URI	→ It will return the URI of the document.
→ DOCUMENT. EMBEDS	→ It will return all HTML <EMBED> elements.
→ DOCUMENT. FORMS	→ It will return all HTML <FORM> elements.
→ DOCUMENT. HEAD	→ It will return the HTML <HEAD> element.
→ DOCUMENT. IMAGES	→ It will return all HTML elements.
→ DOCUMENT. IMPLEMENTATION	→ It will return the DOM implementation.

→ DOCUMENT.LINKS

→ It will return all HTML `<AREA>` and `<A>` elements that have a `HREF` attribute.

→ DOCUMENT.SCRIPTS

→ It will return all HTML `<SCRIPT>` elements.

→ DOCUMENT.TITLE

→ It will return the `<TITLE>` element.

→ DOCUMENT.URL

→ It will return the complete URL of the document.

NOTE → The DOM is a representation of the various components of the browser and the current web document that can be accessed or manipulated using JavaScript.