Javascript DOMs

Introduction

The entire html document is represented by the document object(DOM). A document object is created when an HTML document is loaded in a browser. The HTML document is represented by this root element. It has attributes and operations. We are able to add dynamic material to our website with the aid of document objects.

Properties of DOM

Below diagram depicts the properties of document object that can be accessed and modified by the document object.

Methods of Document Object

Method	Description
getElementById()	The document.getElementById() method returns the element of specified id.
getElementsByName()	The document.getElementsByName() method returns all the element of specified name.
getElementsByTagName()	The document.getElementsByTagName() method returns all the element of specified tag name.
getElementsByClassName()	The getElementsByClassName() method is used to choose or retrieve elements based on the value of their class name. This DOM function returns an object that resembles an array and contains all the items that belong to the specified class. The getElementsByClassName() method searches the entire document when called on a specific element, returning only those elements that match the provided or defined class name.
innerHTML	The dynamic html can be written on the html document using the innerHTML attribute. The majority of the time, it is used in web sites to create dynamic html for things like comment forms, links, and registration forms.
innerText	Dynamic text can be written on an HTML document using the innerText property. Here, text will be read as standard text rather than as HTML text. It is primarily used in web pages to generate dynamic content, such as producing the validation message or determining the strength of the password.