

JavaScript

DOM

Manipulating Elements

A yellow square containing the letters 'JS' in a bold, black, sans-serif font, representing the JavaScript logo.

JS

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Manipulating Content

Techniques for manipulating DOM content using JavaScript:

- innerHTML
- outerHTML
- innerText
- textContent
- hidden

innerHTML

This property **sets or returns** the HTML content (inner HTML) of an element

Note : Is valid only for **element nodes**

```
element.innerHTML;  
// Returns innerHTML Property  
  
element.innerHTML = text;  
// Set the innerHTML Property
```



innerHTML | Example

```
<h1>Heading</h1>;  
  
element.innerHTML;  
// "Heading"  
  
element.innerHTML = "<i>Italic Heading</i>";  
// <h1><i>Italic Heading</i></h1>
```

Heading



Italic Heading

outerHTML

This property **sets or returns** the HTML element, including attributes, start tag, and end tag.

```
element.outerHTML;  
// Returns outerHTML Property  
  
element.outerHTML = text;  
// Set the outerHTML Property
```



outerHTML | Example

```
<h1 id="heading">Heading</h1>;  
  
.....  
  
let headingText = document.getElementById("heading");  
  
console.log(headingText.outerHTML);  
// "<h1 id='heading'>Heading</h1>"  
  
// Setting outerHTML  
headingText.outerHTML = "<p>paragraph</p>";
```

Heading



paragraph

textContent

This property **retrieves or sets** the raw text content of an element, including the text content of all its child elements, **regardless** of their visibility or CSS styles.

innerText

Same as textContent, but it does not include the text content of hidden elements, such as elements with **display: none** or **visibility: hidden** CSS properties.

hidden | attribute

The "hidden" attribute is used to hide an element from being displayed on a web page.

and it is a boolean property, where **true** indicates that the element is **hidden** and **false** indicates that it is **visible**.

Example

```
<div hidden>This is a hidden element.</div>;  
  
console.log(element.hidden); // Outputs: true  
  
element.hidden = false; // Unsets the "hidden" attribute  
  
console.log(element.hidden); // Outputs: false
```


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JavaScript Attribute

Methods in DOM



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