



O que é HTML DOM?

O HTML DOM é um modelo de **objeto** padrão e **interface de programação** para HTML. Ele define:

- Os elementos HTML como **objetos**
- As **propriedades** de todos os elementos HTML
- Os **métodos** para acessar todos os elementos HTML
- Os **eventos** para todos os elementos HTML

Em outras palavras: **o HTML DOM é um padrão de como obter, alterar, adicionar ou excluir elementos HTML.**

Encontrando Elementos HTML

Method	Description
<code>document.getElementById(<i>id</i>)</code>	Find an element by element id
<code>document.getElementsByTagName(<i>name</i>)</code>	Find elements by tag name
<code>document.getElementsByClassName(<i>name</i>)</code>	Find elements by class name

Alterando Elementos HTML

Property	Description
<code>element.innerHTML = new html content</code>	Change the inner HTML of an element
<code>element.attribute = new value</code>	Change the attribute value of an HTML element
<code>element.style.property = new style</code>	Change the style of an HTML element
Method	Description
<code>element.setAttribute(attribute, value)</code>	Change the attribute value of an HTML element

Adicionando e Excluindo Elementos

Method	Description
<code>document.createElement(<i>element</i>)</code>	Create an HTML element
<code>document.removeChild(<i>element</i>)</code>	Remove an HTML element
<code>document.appendChild(<i>element</i>)</code>	Add an HTML element
<code>document.replaceChild(<i>new</i>, <i>old</i>)</code>	Replace an HTML element
<code>document.write(<i>text</i>)</code>	Write into the HTML output stream

Outra forma de utilizar o innerHtml

```
<!DOCTYPE html>
<html>
<body>

<h1 id="id01">Old Heading</h1>

<script>
var element = document.getElementById("id01");
element.innerHTML = "New Heading";
</script>

</body>
</html>
```

Mudando valor de um atributo

```
<!DOCTYPE html>
<html>
<body>



<script>
document.getElementById("myImage").src = "landscape.jpg";
</script>

</body>
</html>
```

Mudando estilo do HTML

```
<html>
<body>

<p id="p2">Hello World!</p>

<script>
document.getElementById("p2").style.color = "blue";
</script>

<p>The paragraph above was changed by a script.</p>

</body>
</html>
```


