

Lesson

Tuesday

Introduction to Programming

(/introduction-to-programming)

/ JavaScript and Web Browsers

(/introduction-to-programming/javascript-and-web-browsers)

/ Accessing the DOM

Text

Cheat sheet

document Methods to Access HTML Elements in the DOM

- `window.document.querySelector()` : this method lets you access an HTML element using a CSS selector in a string as an argument. This means the argument could be the tag name, the tag and class or id, the `element > element` selector, or another valid CSS selector. Here are some examples:
 - `window.document.querySelector("h1");`
 - `window.document.querySelector("h1#specialHeader");`
 - `window.document.querySelector("ol.01-style");`
 - `window.document.querySelector("ol>li");`
- `window.document.getElementById()` : this method lets you access an HTML element by the value of its `id` attribute. Here is an example:
 - `window.document.getElementById("specialHeader");`

- Notably, all HTML elements that are returned from these document methods are objects specifically designed to represent HTML elements in the DOM.

Sample HTML Used in Examples

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title> Best Chocolate Chip Cookies </title>
  </head>
  <body>
    <h1 id="specialHeader">Best Chocolate Chip Cookies</h1>
    

    <p>This recipe is from my dad and they are a favorite a
mong friends and family. The secret ingredient is the cocon
ut! <em>Be warned</em>, these will fly off of the plate!</p>
  >

  <h2 class="h2styles">Ingredients</h2>
  <ul class="ul-style">
    <li>Butter</li>
    <li>White sugar</li>
    <li>Brown sugar</li>
    <li>Eggs</li>
    <li>Vanilla</li>
    <li>Flour</li>
    <li>Baking soda</li>
    <li>Salt</li>
    <li>Chocolate chips</li>
    <li>Oatmeal</li>
    <li>Coconut</li>
  </ul>

  <h2 class="h2styles">Directions</h2>
  <ol class="ol-style">
    <li>Preheat the oven to 325.</li>
    <li>Beat the butter, sugar, eggs and vanilla together
until creamy.</li>
    <li>Mix together the flour, baking soda and salt in a
separate bowl.</li>
    <li>Add flour mixture to butter mixture slowly.</li>
    <li>Stir in chocolate chips, oatmeal and coconut.</li>
```

```
>  
    <li>Bake for <strong>10 minutes</strong> or until gol  
den brown.</li>  
    </ol>  
  
    <p><a href="http://allrecipes.com">Click here</a> to ch  
eck out my other great recipes.</p>  
    </body>  
</html>
```

[Previous \(/introduction-to-programming/javascript-and-web-browsers/understanding-web-apis-the-dom\)](#)

[Next \(/introduction-to-programming/javascript-and-web-browsers/practice-accessing-the-dom\)](#)

Lesson 44 of 75

Last updated more than 3 months ago.

[disable dark mode](#)



© 2023 Epicodus (<http://www.epicodus.com/>), Inc.