

## Copilot

Sure! Here's a simple example demonstrating how to use the HTML DOM (Document Object Model) to manipulate elements on a webpage using JavaScript.

## HTML and JavaScript Example

```
<!DOCTYPE html>
<html>
<head>
  <title>DOM Example</title>
</head>
<body>
  <h1 id="header">Hello, World!</h1>
  <p id="paragraph">This is a paragraph.</p>
  <button onclick="changeContent()">Click me to change content</button>

  <script>
    function changeContent() {
      // Access the elements by their IDs
      let header = document.getElementById("header");
      let paragraph = document.getElementById("paragraph");

      // Change the content of the elements
      header.innerHTML = "Content Changed!";
      paragraph.innerHTML = "The paragraph content has been updated.";
    }
  </script>
</body>
</html>
```

### Explanation:

1. **HTML Structure:** We have an h1 element, a p element, and a button element.
2. **JavaScript Function:** The changeContent function is defined to change the content of the h1 and p elements.
3. **Event Handling:** The button element has an onclick attribute that calls the changeContent function when the button is clicked.
4. **DOM Manipulation:** Inside the changeContent function, we use document.getElementById to access the elements by their IDs and then change their innerHTML properties to update the content.

This example shows how you can interact with and manipulate HTML elements using the DOM in JavaScript. If you have any questions or need further assistance, feel free to ask!