

UNDERSTANDING JAVASCRIPT: DOM VS BOM

SWIPE TO LEARN MORE

01

WHAT IS DOM?

The Document Object Model (DOM) represents the structure of a web page. It allows JavaScript to manipulate HTML and CSS.

02

EXAMPLE OF DOM



```
// Accessing an element by ID
let element = document.getElementById("myElement");

// Changing the text content
element.textContent = "Hello, World!";
```

03

WHAT IS BOM?

The Browser Object Model (BOM) represents the browser window and allows interaction with the browser beyond the HTML document.

04

EXAMPLE OF BOM



```
// Display an alert box
window.alert("Welcome to the site!");

// Get the current URL
let currentURL = window.location.href;
```

05

KEY DIFFERENCES

DOM VS BOM

- DOM: Focuses on the document content.
- BOM: Focuses on the browser environment.

06

REAL-WORLD USAGE

DOM VS BOM

- Use DOM to change content dynamically, such as updating a form field.
- Use BOM to control browser actions, like navigating to a new page.

07

CONCLUSION

Understanding DOM and BOM helps in creating dynamic, interactive web applications. Master both to enhance your JavaScript skills!