The difference between DOM and BOM.

DOM (Document Object Model) refers to a programming interface for web documents. It represents the structure of a document as a tree of objects where each object corresponds to a part of the document, such as elements and attributes. DOM provides a way for programmers to manipulate the structure, style, and content of web documents via scripting languages like JavaScript.

DOM Example:

```
const paragraph = document.querySelector("p");
paragraph.textContent = "This is a new content for the paragraph!";
```

This selects and modifies the content of the first paragraph element in the document using the DOM.

BOM (Browser Object Model) is a different entity, and it provides a way to interact with the browser itself. BOM encompasses several objects that allow access to browser functionalities, such as managing browser history, manipulating the viewport size, and handling cookies. Unlike the DOM, there is no standard specification for BOM, so its behavior may vary between different browsers.

BOM Example:

```
window.location.href = "https://www.example.com";
window.alert("This is an alert!");
```

This redirects the user to "www.example.com" and shows an alert box using BOM.