Introduction to Document and Window Object in JavaScript

The Document Object

The Document Object represents the HTML document loaded in the browser window and provides methods and properties to interact with its content.

Example:

```
// Accessing elements by ID
let elementById = document.getElementById('myElementId');

// Accessing elements by class name
let elementsByClassName =
document.getElementsByClassName('myClassName');

// Accessing elements by tag name
let elementsByTagName =
document.getElementsByTagName('div');
```

The Window Object

The Window Object represents the browser window and provides methods and properties to control the browser.

Example:

```
// Opening a new window
let newWindow = window.open('https://www.example.com',
'_blank');

// Closing the current window
window.close();

// Redirecting to a new URL
window.location.href = 'https://www.example.com';
```

Conclusion

The Document and Window objects are fundamental to JavaScript programming in the browser environment. Understanding their properties and methods allows developers to create dynamic and interactive web applications.