**CODE Structure**

In this page I understand the **basic structure** of a JavaScript program and best practices for writing clean, readable code.

**1. Writing JavaScript Code**

* JavaScript is written as a series of statements.
* Each statement **ends with a semicolon ( ; )**, but it’s optional in most cases.

**2. Code Blocks**

* A **block** is a group of statements inside **curly braces {}**.
* Example:

javascript

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{

let a = 10;

console.log(a);

}

* Blocks are used in functions, loops, and conditional statements.

**3. Indentation and Readability**

* Proper **indentation and spacing** make code easier to read.
* Example of well-structured code:

javascript

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if (true) {

console.log("Hello, World!");

}

* Using **new lines** and **spaces** improves readability.

**4. Comments in JavaScript**

* **Single-line comment:** // This is a comment
* **Multi-line comment:**

javascript

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/\*

This is a multi-line comment.

It helps explain complex code.

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* Comments help describe the purpose of the code but should not be overused.

**Key Insights**

JavaScript code is made up of **statements**, organized using **blocks {}**, and should be **properly formatted** with **comments** for clarity.