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***REPORT #: W:4,D:1***

***TASK TITLE Introduction to JS, How JS runs in browser***

### ****Introduction to JavaScript & How It Runs in the Browser****

**JavaScript** is a scripting language used to make web pages interactive. It works with HTML and CSS to add features like buttons, pop-ups, animations, and form validation.

In the browser, JavaScript runs using a **JavaScript Engine** (like **V8 in Chrome**). When a web page loads, the browser reads the HTML. When it sees a <script> tag, it sends the JS code to the engine, which runs it line by line.

JavaScript can:

* Change HTML content (DOM)
* Handle events (like clicks)
* Run tasks in the background (using Web APIs)