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***REPORT #: W:5,D:4***

***TASK TITLE JSON & LocalStorage***

### 🧾 JSON (JavaScript Object Notation)

* **Use**: Format to store and exchange data (like between server and browser).
* **Looks like** JavaScript objects, but only data — no functions.

**✅ Example:**

let person = { name: "Ali", age: 25 };

let jsonStr = JSON.stringify(person); // Convert to JSON string

let newObj = JSON.parse(jsonStr); // Convert back to object

**💾 LocalStorage**

* **Use**: Stores data in the browser **permanently** (until manually cleared).
* **Stores only strings**, so JSON is often used.

**✅ Example:**

// Store data

localStorage.setItem("user", JSON.stringify({ name: "Ali" }));

// Get data

let user = JSON.parse(localStorage.getItem("user"));

console.log(user.name); // Ali