

JS



# web storage API



**PART 1-- LOCAL STORAGE**



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# JS

# web storage

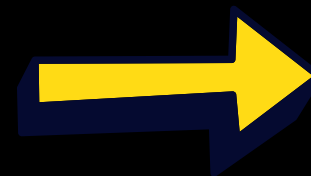
- The Web Storage API is a simple syntax for storing and retrieving data in the browser.
- It stores data in the form of key/value pairs on the browser.



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# JS

# Local Storage

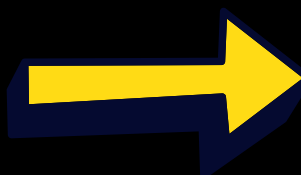
- Stores data for a long time.
- local storage only stores strings
- If you want to save objects, lists, or arrays, you'll need to use `JSON.stringify` to convert them to a string ().



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# JS

# Storing Data

```
localStorage.setItem("user", "Elias kibret");
```

- `localStorage.setItem()` method used to stores a data item in a storage
- It takes a name and value as a parameters



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# JS

# Storing Data

```
// Storing Array
const developers = ["Elias", "Lidia", "Amani", "yonas"];
localStorage.setItem("developers", JSON.stringify(developers));

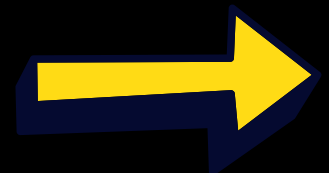
// Storing Object
const user = {
  name: "Elias",
  job: "software Developer",
};
localStorage.setItem("user", JSON.stringify(user));
```



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# Read Data

- The `localStorage.getItem()` method retrieves a data item from the storage.

```
// Get String Data
const user = localStorage.getItem("name");

// Get Array Data
const developers = JSON.parse(localStorage.getItem("developers"));

// Get Object Data
const user = JSON.parse(localStorage.getItem("user"));
```



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