

Local Storage

VS

Session Storage



Introduction

Web Storage helps in storing data in key value pair in user's browser.

And there are 2 mechanisms within web storage:

1. Local Storage
2. Session Storage

Let's deep dive into both of these.



Local Storage

- Local Storage provides a way to store data in user's browser in the form of key-value pairs.
- It is useful to store data that needs to be maintained across user's sessions.
- It can store maximum upto 5MB of data.



Session Storage

- Session Storage provides a way to store data in user's browser in the form of key-value pairs.
- It stores data only for a particular session i.e. the data stored in session storage is retained until the tab/ browser is closed by user.
- It can store maximum upto 5MB of data.
- It can only be read on client-side.
- It is not accessible from web workers or service workers.



Methods in local storage

`setItem(keyName, value)` – used to set key value pair in local storage.

`getItem(keyName)` – used to get value of key

- `removeItem(keyName)` – used to remove key
- `clear()` – used to remove all key value pairs from local storage.



Methods in session storage

- `setItem(keyName, value)` - used to set key value pair in session storage.`getItem(keyName)` - used session storage.
- `removeItem(keyName)` - used to remove key
- `clear()` - used to remove all key value pairs from session storage.



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