# 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.

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# Local Storage

• Local Storage provides a way to store data in user's browser in the form of key-value pairs. The value specified should always be a string.

• It is useful to store data that needs to be maintained across user's sessions.

• It can store maximum upto 5MB of data.

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# Session Storage

- Session Storage provides a way to store data in user's browser in the form of key-value pairs. And, the value specified should always be a string.

- 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.

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# Methods in local storage

setItem(keyName, value) – used to set key value pair in local storage.
getItem(keyName) – used to get value of key specified in parameter from local storage.

• removeItem(keyName) – used to remove key specified in parameter from local storage.

• 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 to get value of key specified in parameter from session storage.

- removeItem(keyName) – used to remove key specified in parameter from session storage.

- clear() - used to remove all key value pairs from session storage.

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