# LOCAL STORAGE

## What is Local Storage?

**Local Storage** is a type of **web storage** in web browsers that *allows you to store and access the data.* The data stored in local storage has no expiration date.

The data in local storage is stored in a **'key-value' pair,** also called a **data item.**

Both the *'keys' and 'values' stored are always strings*. Even if you store integers or other primitive values, they all will be *converted to strings.*

- **Store Data in Local Storage**

  You can store the data items in local storage by providing two parameters, a '*key' and a 'value' to the 'setItem()'* method.

  Syntax for storing data item is: `localStorage.setItem("key", "value");`

- **Get Data from Local Storage**

  You can access data items stored in the browser by passing the *'key'* as a parameter to the '*getItem()*' *method*. The method *returns the 'value' associated with the 'key'* as the output. If *no such item* is found, then *'undefined'* is returned.

  Syntax for accessing data item is: `localStorage.getItem("key");`

- **Remove Data in Local Storage**

  You can remove the data items from the web storage by *passing 'key' as a parameter* to *'removeItem()'* method. If there is no such item associated with the given 'key', then it will do nothing.

Syntax for removing data-item is: `- localStorage.removeItem("key");`

- **Replace Data in Local Storage**

The value stored with a 'key' can be replaced by using the 'setItem()' method directly. This will **_overwrite the data item already present_** or create a new one if there is no such key in the storage.