



**Topic : Local Storage**

# 1. LOCAL STORAGE

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

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

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

## 1.1. Store Data in Local Storage

You can store data item 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");`

## 1.2. Get Data from Local Storage

You can access data item stored in the browser by ***passing 'key' as 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");`

## 1.3. Remove Data in Local Storage

You can remove data item from the web storage by ***passing 'key' as 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");`

## 1.4. 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.