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Data		

What is local storage

Application data

Oset up a database to store and reteieve data

Ouse local storage to store and reteieve data

The local strage api is provided by the browser and it gives a way to store the data and reteive data to and from the browsers itself. i.e. when a user enters information on our web app we can then store that in the browspass local storage on the

And if at some point, they refresh the page of crossed it up completely and come back later then we can access that data that we previously stored from local strage in the browser and injected back to our application.

storing and Getting Data

local strage is always on the window object

so we can type in console

window.localstrage to get that

> stoeage 1 Length:07

localstorage is stored on window object and the window object is the global object so we ran also write it as

localstoeage

→ stoeagef length: 04

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how to store data in local storage

local stoeage. set I tem ('name', 'maeio');

'key' and second is 'value of that key'.

+ how to get the data from local storage

let name = localstorage.getItem('name');

(onsole.log(name);

update data

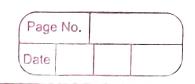
10(alstoeage .set Item ('name', 'lwigi');

name = localstoeage.get Item ('name');

console.log(name);

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	localstoeage. set I tem ('name', 'maeio'); Setting stoeing				
	local stop app. sot I tem ('age', 50),				
	let name - loval storage art I tem (nume)				
	let age = localstoeage.get Item ('age); getting data				
	console-log(name, age);				
L 11	localstorage set I tem ('name", 'luigi');				
both ways	local stream and - that				
you can	name = localstosage - get I+8m ('name');) updating data				
use to	age = localstoeage.getItem ('age');				
Update	Console-log (name, age);				
the data.	(value of a proper series of the series)				
	-> maeio 50				
	luigi 40				
	U				
	· · · · · · · · · · · · · · · · · · ·				
V	Deleting Horage Data				

Ine deleting	localstorage. set Item ('name', 'mario');				
Tosingle	localstoeage.set Item ('name', 'maeio'); localstoeage.set Item ('age', 50); let name = localstoeage.get Item ('name');				
:Hem	let name = localstoeage - get I tem ('name');				
	let age = local stoeage. get I tem ('age');				
	(01/50/10/9 (name, age).				
	11 deleting data from local storage				
	Il deleting data from local storage !acal storage . Temove I tem ('name'); name = local storage . get I tem ('name'); console . log (name, age);				
	name = localstoeage.get Item ('name');				
	ronsole-log (name, age);				
	mqeio 50				
	null 50				



be removing localstoeage. 3et Item ('name'; 'morio'); all item. local stoeage. set Item ('age', 50); in local speage that let name = 10 calsto eage.get Item ('name'); let age = localstoeage.get Item ('age); Decriously (onsole·log(name, age); Il deleting all items from local storage set localstorage. clear(); name = localstoeage. get Item ('name'); age = localstoeage. getItem ('age'); Console·log(name, age); · (lease() method doesn't mario 50 take any orgament null. null butjust (leass out local stoeage7

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steingifying and presing the data Dota we stoke in local stokage myst ultamitely be a steing. Hote (onst todos = [1 text: 'sing' author: 'shaun'?, This is are

1 text: 'sing' author: 'mario'?

]; This is GEE ay here fixt and author do not have double quote Now we need to store this in but for join 30 the first step is take data (above) and torned it is there ... This is all ay in into a joon steing. of javasyllt so, in past we have seen in asynchronous (hapter how to take a json string and parse it into javascript alean of object.

But here now we want to do opposite object, so it don't have double quotes.

Here we got alray of object and we need to two that into a joon string. So than To Do That

for doing this you (an use method colled

Const todos = [{ text: 'play', author: 'shaun'3, { text: 'dance', author: 'murio'3, 1 text: 'song', author: 'luigi'}

(on sole · log (JSON . stringify (todos));

1"text": "play", "authoε": "shaun"3,

{"text": "dance", "authoε": "mario"3,

["text": "song", "authoε": "luigi"3 Now this one gigantic string which looks like an among of object but its a ison string

Motice how our proporties like "text" and "author"

they are an quoted and we know that ison has

double quotes.

Here we have omay of objects and we turn that now into a valid ison

And Now this is the good format to store in local stoeage.

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-	Const todas = [
,`	of text: "Play" author: "mario",
	5 text: "dance", author: "shaun"
	7
	laralstoeage.set Item ('todos', Json. stringify (todos));
	(9/4/3-to-eage-3e+2-4/11/1-10003, 03014-316119/19 (00003))
	Here now we have stored that data into
	local storage.
	Now how do we setsieve it and then convert
	back into an allay.
	for that consider below code
_	const todos = [
,	text: "play", author: "mario"; text: "dance", author: "shaun";
	text: "dance", author: "shaun"
1	1.01(1-1-100) (1.1.1-1-101)
- 2	10(01010rage. 3et 1+11) (+ 10003 , 330N. steingify (todos))
	localstorage. set Item ('todos', JsoN. steingify(todos)); lonst stored = localstorage. get Item ("todos"); lonsole.log (JsoN. panse (stored));
	1415016-169 (00014- popuse (3708 ed))
	(Nam place Country) (Man place Country)
	hade tollyform
	(Han We aund)
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