html code for web application of data storage:

<div data-role="page" id="page1">

<input type="text" placeholder="something to store" id="inputString" />

<h1 onclick="clearStorage()">clear storage</h1>

<h1 onclick="saveStatusLocally()">store</h1>

<h1 onclick="readStatus()">print</h1>

<div id="write"></div>

<div data-role="content">

<p><a href="#ButtonEventPage" data-role="button">Transition to next page</a></p>

</div>

</div>

<div data-role="page" id="ButtonEventPage">

<div data-role="header">

<a data-rel="back" data-icon="home">Home</a>

<h1>Page2</h1>

</div>

<h1 onclick="clearStorage2()">clear storage</h1>

<h1 onclick="readStatus2()">print</h1>

<div id="write2"></div>

</div>

**javascrpit of local storage web application.**

//array to store values

var stores = Array();

//input field text

var inputField = document.getElementById('inputString');

var returnMsg;

//clear the storage

function clearStorage() {

//clear the storage

stores = Array();

localStorage.clear("database");

//visually cleared

document.getElementById('write').innerHTML = "storage cleared.";

}

// save the string

function saveStatusLocally() {

//grab the value of the text box

var stringToSave = returnMsg;

if ((stringToSave == null) || (stringToSave == "")) {

document.getElementById('write').innerHTML = "nothing to store.";

} else {

//push that value to the array

stores.push(stringToSave);

//clear the input field for visual

inputField.value = "";

//print that value into the local storage named database and joing by a non-breaking space

window.localStorage.setItem("database", stores.join(" "));

//confirm write

document.getElementById('write').innerHTML = "data stored.";

//clear message after 1s

setTimeout(function() {

document.getElementById('write').innerHTML = "";

}, 1000);

}

}

// read the string

function readStatus() {

//print the value of the local storage "database" key

if (window.localStorage.getItem("database") == null) {

document.getElementById('write').innerHTML = "nothing stored.";

} else {

document.getElementById('write').innerHTML = window.localStorage.getItem("database");

}

}

//clear the storage

function clearStorage2() {

//clear the storage

stores = Array();

localStorage.clear("database");

//visually cleared

document.getElementById('write2').innerHTML = "storage cleared.";

}

// read the string

function readStatus2() {

//print the value of the local storage "database" key

if (window.localStorage.getItem("database") == null) {

document.getElementById('write').innerHTML = "nothing stored.";

} else {

document.getElementById('write2').innerHTML = window.localStorage.getItem("database");

}

}

$(document).ready(function() {

$.ajax({

url : "https://freegeoip.net/json/",

dataType : "json",

error: function(request, status, error) { alert(request.responseText) },

success : function(parsed\_json) {

$('#ip').html("<strong>IP: </strong> " + parsed\_json['ip']+"");

$('#city').html("<strong>City:</strong>" + parsed\_json['city']+"");

$('#country').html("<strong>Country: </strong>"+ parsed\_json['country\_name'] + "");

$('#region').html("<strong>Region: </strong>"+ parsed\_json['region\_name'] + "");

$('#code').html("<strong>ZIP: </strong>"+ parsed\_json['zipcode'] + "");

}

}); ;

});