## Page:1

# JAVASCRIPT CRUD OPERATION

## Index.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>CRUD Operation</title>

<link rel="stylesheet" href="./style.css">

</head>

<body>

<fieldset>

<legend>

<h2>Form</h2>

</legend>

<form id="form">

<input type="text" id="name" name="name" placeholder="Name">

<br /><br />

<input type="text" id="job" name="job" placeholder="Job">

<br /><br />

<input type="text" id="exp" name="exp" placeholder="Experience">

<br /><br />

<input type="button" value="Submit" id="btn" onclick="Submit()">

<input type="reset" value="reset" />

</form>

</fieldset>

<br>

## Page:2

<div id="msg"></div>

<br>

<fieldset>

<legend>

<h2>Data from Local Storage</h2>

</legend>

<table border="2" id="table">

<tr>

<td class="col">Name</td>

<td class="col">Job</td>

<td class="col">Experience</td>

<td class="col">Action</td>

</tr>

</table>

</fieldset>

</body>

<script src="crud.js"></script>

</html>

## crud.js

//CRUD - Create,Read,Update,Delete

//Global variables

var row = null;

function Submit() {

var dataEntered = retrieveData();

## Page:3

var readData = readingDataFromLocalStorage(dataEntered);

if (dataEntered == false) {

msg.innerHTML = `<h3 style="color:red;">please enter data!</h3>`;

} else {

// console.log(readData);

// insert(readData); //2 time added data

// Update();

//so if else condition

if (row == null) {

insert(readData);

msg.innerHTML = `<h3 style="color:green;">Data Inserted!</h3>`;

} else {

Update();

msg.innerHTML = `<h3 style="color:orange;">Data Updated!</h3>`;

}

}

document.getElementById("form").reset();

}

//CREATE

//Retrieving data from Form

function retrieveData() {

var name1 = document.getElementById("name").value;

var job = document.getElementById("job").value;

var exp = document.getElementById("exp").value;

var arr = [name1, job, exp];

if (arr.includes("")) {

## Page:4

return false;

} else {

return arr;

}

}

//Read

//Data in LocalStorage

function readingDataFromLocalStorage(dataEntered) {

//storing data in LocalStorage

var n = localStorage.setItem("Name", dataEntered[0]);

var j = localStorage.setItem("Job", dataEntered[1]);

var e = localStorage.setItem("Experience", dataEntered[2]);

//getting values from Local to table

var n1 = localStorage.getItem("Name", n);

var j1 = localStorage.getItem("Job", j);

var e1 = localStorage.getItem("Experience", e);

var arr = [n1, j1, e1];

return arr;

}

//INSERT

function insert(readData) {

var row = table.insertRow();

row.insertCell(0).innerHTML = readData[0];

row.insertCell(1).innerHTML = readData[1];

row.insertCell(2).innerHTML = readData[2];

## Page:5

row.insertCell(3).innerHTML = `<button onclick=edit(this)>Edit</button>

<button onclick=remove(this)>Delete</button>`;

// var cell1 = row.insertCell(0);

// var cell2 = row.insertCell(1);

// var cell3 = row.insertCell(2);

// cell1.innerHTML = "hello";

// cell1.innerHTML = readData[0];

// cell2.innerHTML = readData[1];

// cell3.innerHTML = readData[2];

}

//Edit

function edit(td) {

row = td.parentElement.parentElement;

document.getElementById("name").value = row.cells[0].innerHTML;

document.getElementById("job").value = row.cells[1].innerHTML;

document.getElementById("exp").value = row.cells[2].innerHTML;

}

//Update

function Update() {

row.cells[0].innerHTML = document.getElementById("name").value;

row.cells[1].innerHTML = document.getElementById("job").value;

row.cells[2].innerHTML = document.getElementById("exp").value;

row = null;

}

## Page:5

//Delete

function remove(td) {

var ans = confirm("Are you sure you want to delete this record?");

if (ans == true) {

row = td.parentElement.parentElement;

document.getElementById("table").deleteRow(row.rowIndex);

// document.getElementById("table").remove(); //this remove the whole table

}

}

## style.css

body{

background-color:rgb(18,18,57);

color: white;

}

table{

border-color: white;

}

td{

padding: 8px 16px;

}

.col{

font-weight: bold;

font-size: 18px;

background-color:rgb(164, 246, 10) ;

}

tr{

background-color: rgb(165,233,255);

color: black;

text-align: center;

}

input{

font-size: 16px;

}