**JAVASCRIPT EXAMPLE:**

**HTML PAGE CODE:**

!DOCTYPE html>

<html lang="en" xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta charset="utf-8" />

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.1/dist/css/bootstrap.min.css" integrity="sha384-F3w7mX95PdgyTmZZMECAngseQB83DfGTowi0iMjiWaeVhAn4FJkqJByhZMI3AhiU" crossorigin="anonymous">

<title></title>

<style>

section {

width: 400px;

position: absolute;

top:150px;

left:200px;

}

</style>

<script src="Script1.js">

</script>

<script>

function buttonClick() {

//alert('Hello World!!!');

//var num = 10;

//num = num + 10;

//alert(num);

var name = document.getElementById("txtName");

var div = document.getElementById("spanMessage");

console.log(name.value);

var gender = document.getElementById("rdbMale").checked ? "Mr. " : "Ms. "

if (name.value == "") {

//alert("please fill text");

//name.focus();

div.innerHTML = "Name cannot be empty";

name.style.borderColor = "Red";

div.classList.add("alert-danger");

}

else {

//alert("hello " + gender + name.value);

div.innerHTML = "hello " + gender + name.value;

div.classList.remove("alert-danger");

div.classList.add("alert-success");

}

}

</script>

</head>

<body>

<section>

<label>Gender</label>

<input class="form-check-input"

type="radio"

name="flexRadioDefault"

id="rdbMale" />

<label class="form-check-label" for="flexRadioDefault1">

Male

</label>

<input class="form-check-input"

type="radio"

name="flexRadioDefault"

id="rdbFemale" />

<label class="form-check-label" for="flexRadioDefault1">

Female

</label>

<!-- <input type="radio" name="gender" id="rdbMale" checked />Male

<input type="radio" name="gender" id="rdbFemale" />Female-->

<input type="text" id="txtName" class="form-control" />

<button onclick="buttonClick()" class="btn btn-success">Click Me</button>

<div id="divMessage">

Watch here for updates

<br />

<span class="alert" id="spanMessage">

</span>

</div>

<button class="btn btn-info" onclick="arrayList()">Array list</button>

<button class="btn btn-info" onclick="sampleObject()">Employee</button>

<div id="empID">

Enter Employe ID

</div>

<input type="text" id="addempId" class="form-control" />

<div id="empName">

Enter Employe Name

</div>

<input type="text" id="addempName" class="form-control" />

<div id="empAge">

Enter Employe Age

</div>

<input type="text" id="addempAges" class="form-control" />

<button class="btn btn-info" onclick="addArray()">Add Employees</button>

<table border="1" id="empaddTable">

<tr>

<td>ID</td>

<td>Name</td>

<td>Age</td>

</tr>

<tbody></tbody>

</table>

<button class="btn btn-info" onclick="objectArray()">Show array object</button>

<table border="1" id="empTable">

<tr>

<td>ID</td>

<td>Name</td>

<td>Age</td>

</tr>

<tbody></tbody>

</table>

</section>

</body>

</html>

**JAVASCRIPT PAGE CODE:**

function arrayList() {

var arr = ["car", "Bike", "ship", "Boat"];

arr[5] = "Done";

for (var i = 0; i < arr.length; i++) {

console.log(arr[i]);

}

}

function sampleObject() {

var employee = {

"id": 101,

"name": "Tim",

"age":21

}

employee.salary = 12338.54;

console.log("Employee name : " + employee.name);

console.log("Employee salary : " + employee.salary);

}

function objectArray() {

var employee = [{

"id": 101,

"name": "Tim",

"age": 21

},

{

"id": 102,

"name": "jim",

"age": 32

}

];

var myTable = document.getElementById("empTable");

for (var i = 0; i < employee.length; i++) {

var tr = myTable.insertRow(i + 1)

var id = tr.insertCell(0);

id.innerHTML = employee[i].id;

var name = tr.insertCell(1);

name.innerHTML = employee[i].name;

var age = tr.insertCell(2);

age.innerHTML = employee[i].age;

}

}

function addArray() {

var id = document.getElementById("addempId");

var name = document.getElementById("addempName");

var age = document.getElementById("addempAges");

var employee = [{

"id": id.value,

"name": name.value,

"age": age.value

}

];

var myaddTable = document.getElementById("empaddTable");

for (var i = 0; i < employee.length; i++) {

var tr = myaddTable.insertRow(i + 1)

var id = tr.insertCell(0);

id.innerHTML = employee[i].id;

var name = tr.insertCell(1);

name.innerHTML = employee[i].name;

var age = tr.insertCell(2);

age.innerHTML = employee[i].age;

}

}

**OUTPUT SNAPSHOTS:**

